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Ent

BIOLOGIA CENTRALI-AMERICANA.

INSECTA.

LEPIDOPTERA-HETEROCERA.

VOL. III.

(*PLATES.*)

BY

HERBERT DRUCE, F.L.S., F.Z.S.

1881–1900.

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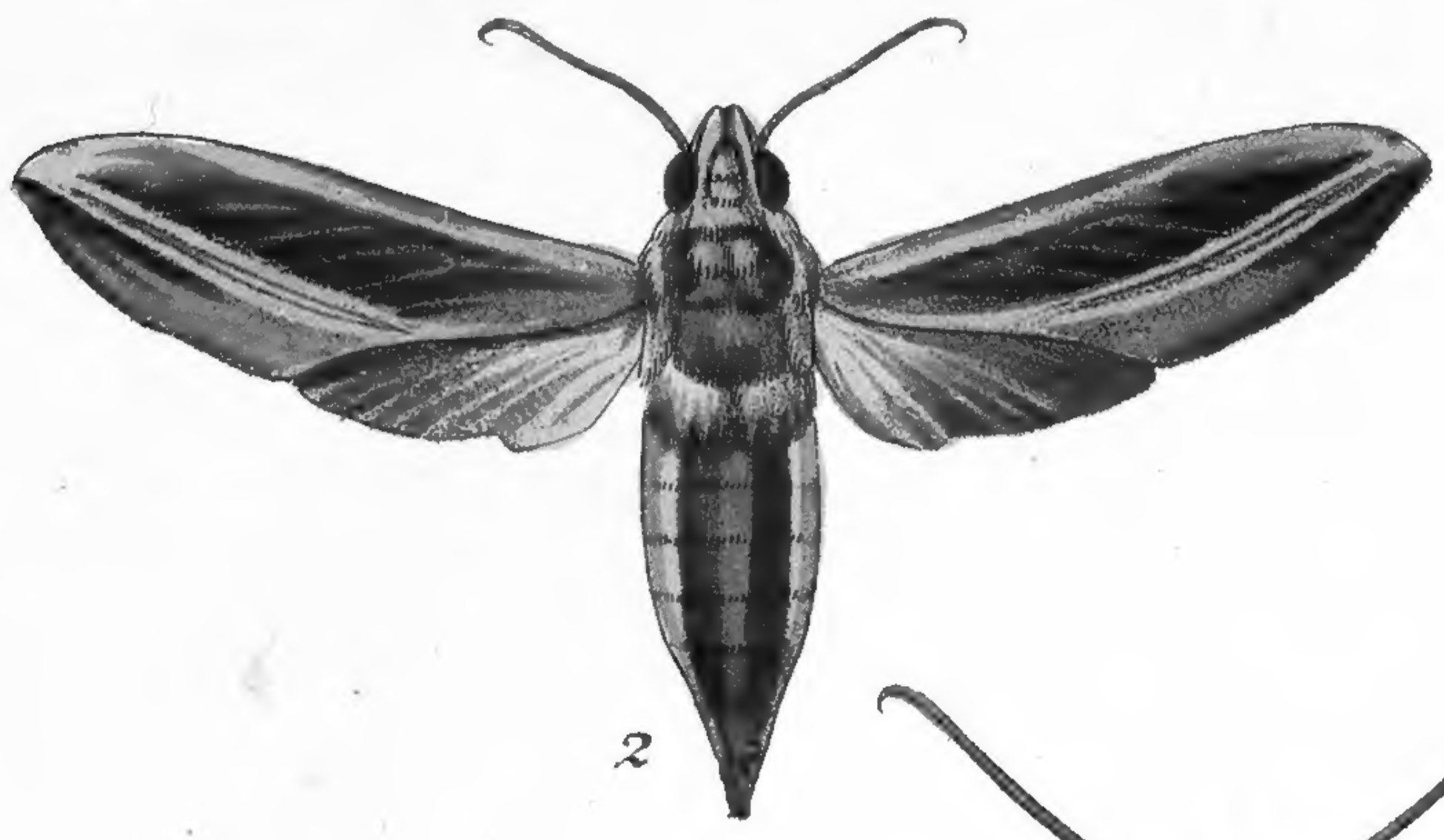
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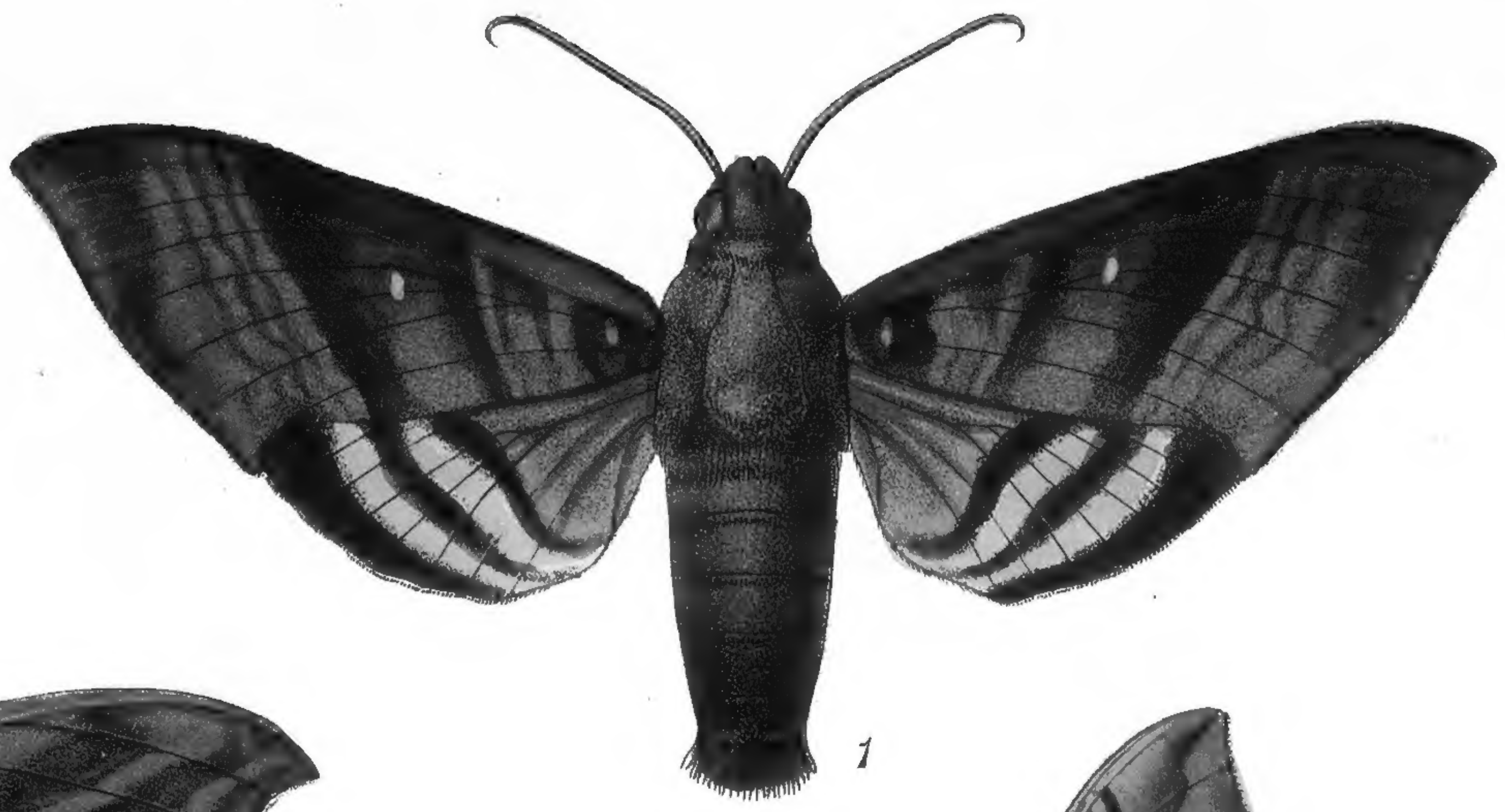
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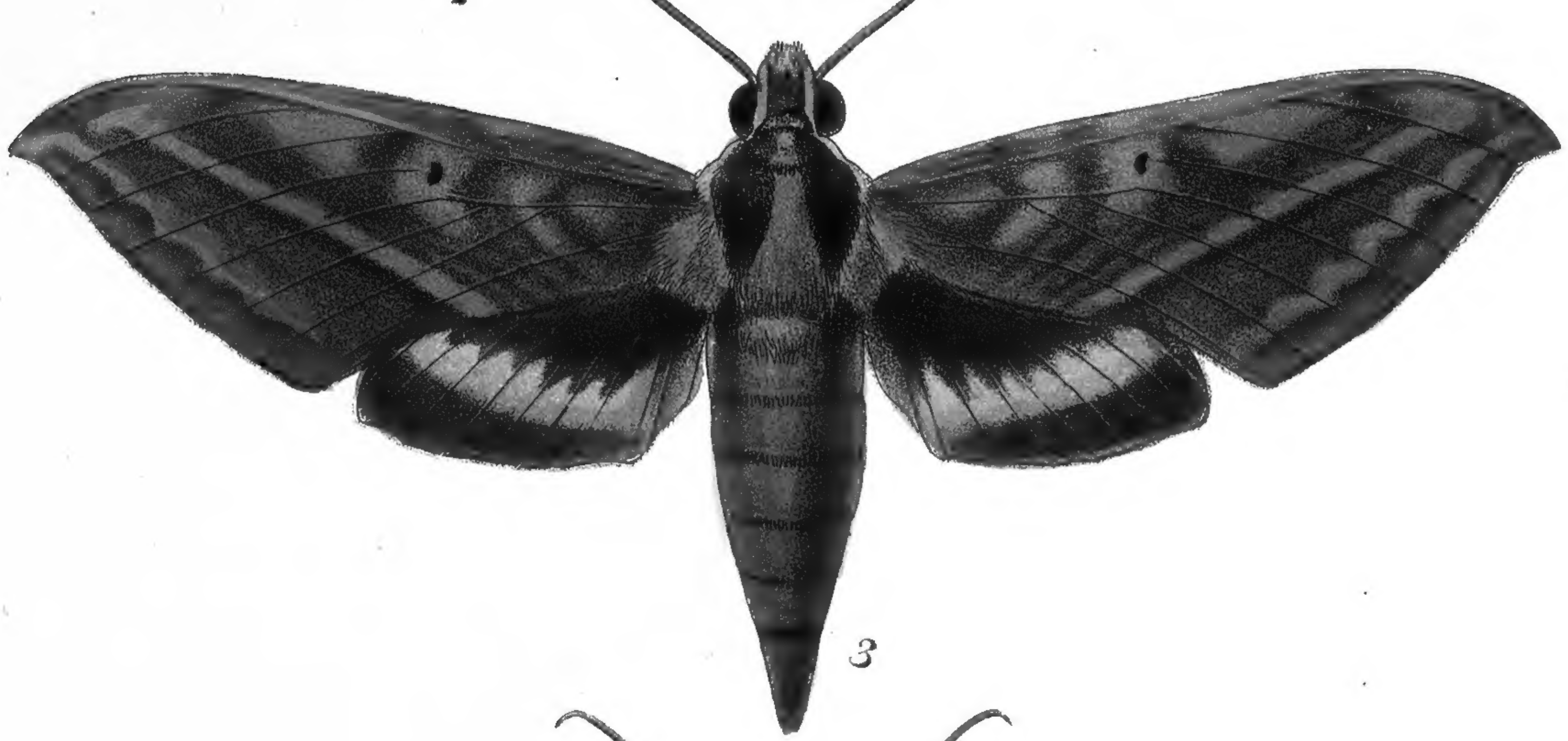
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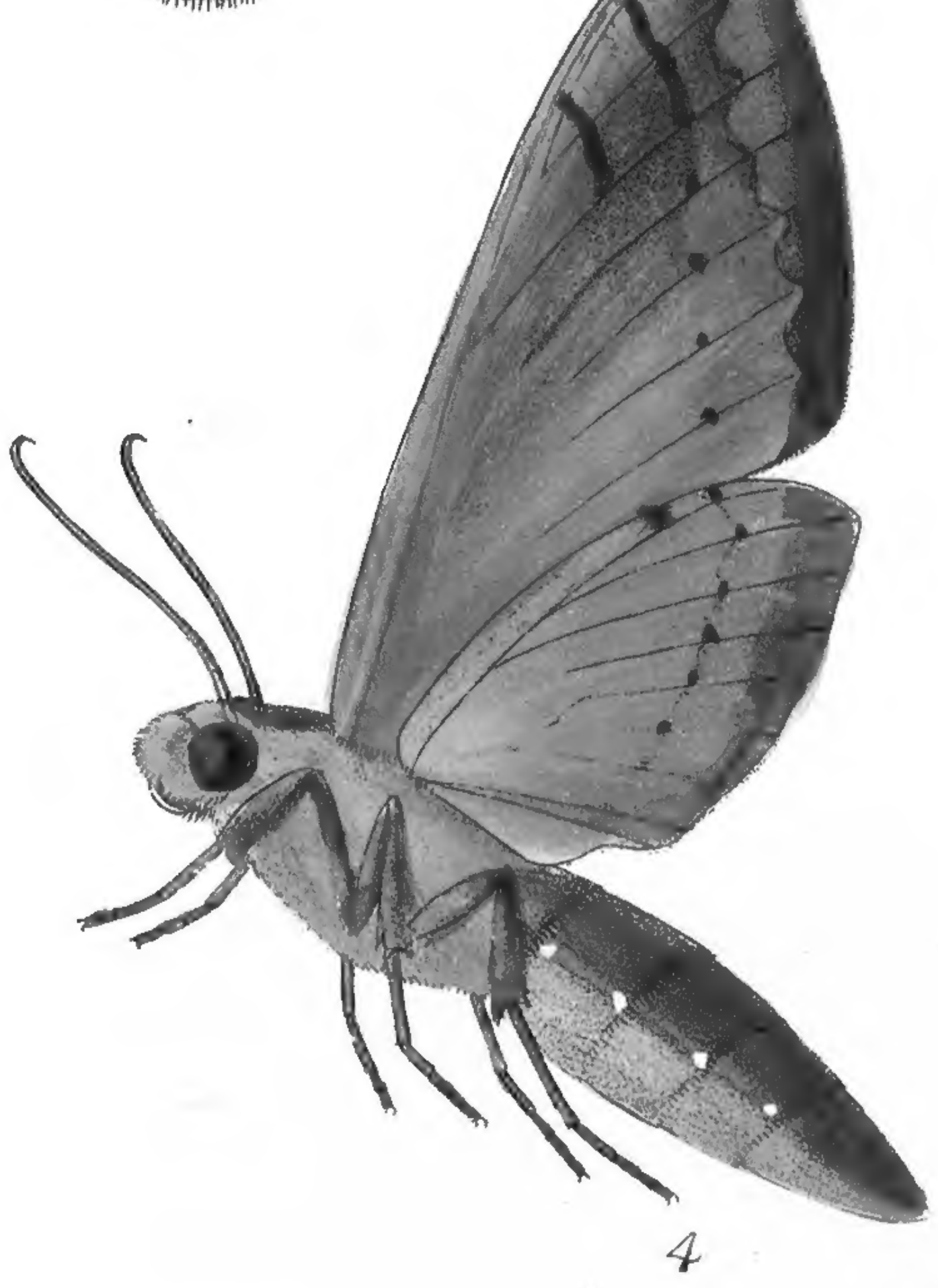
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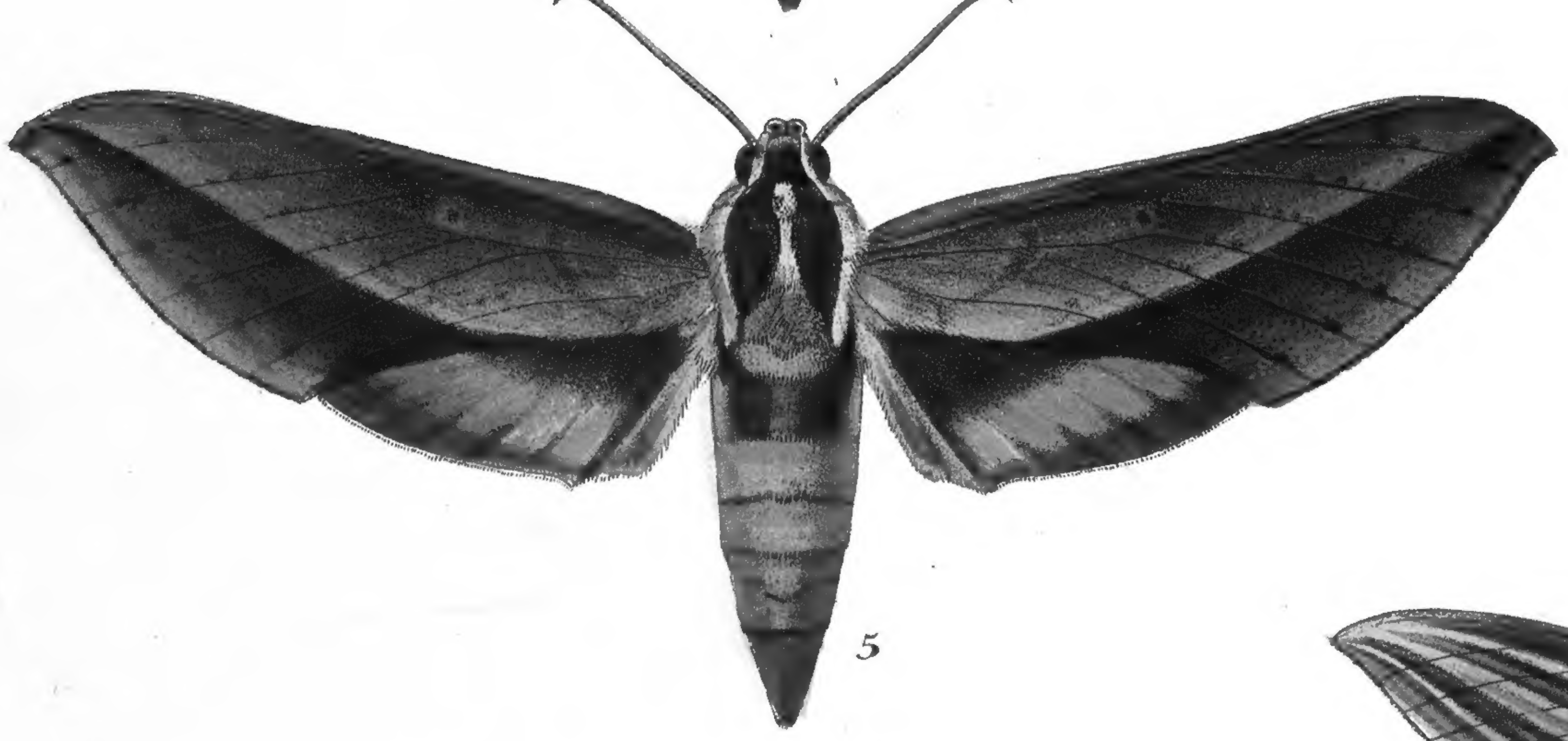
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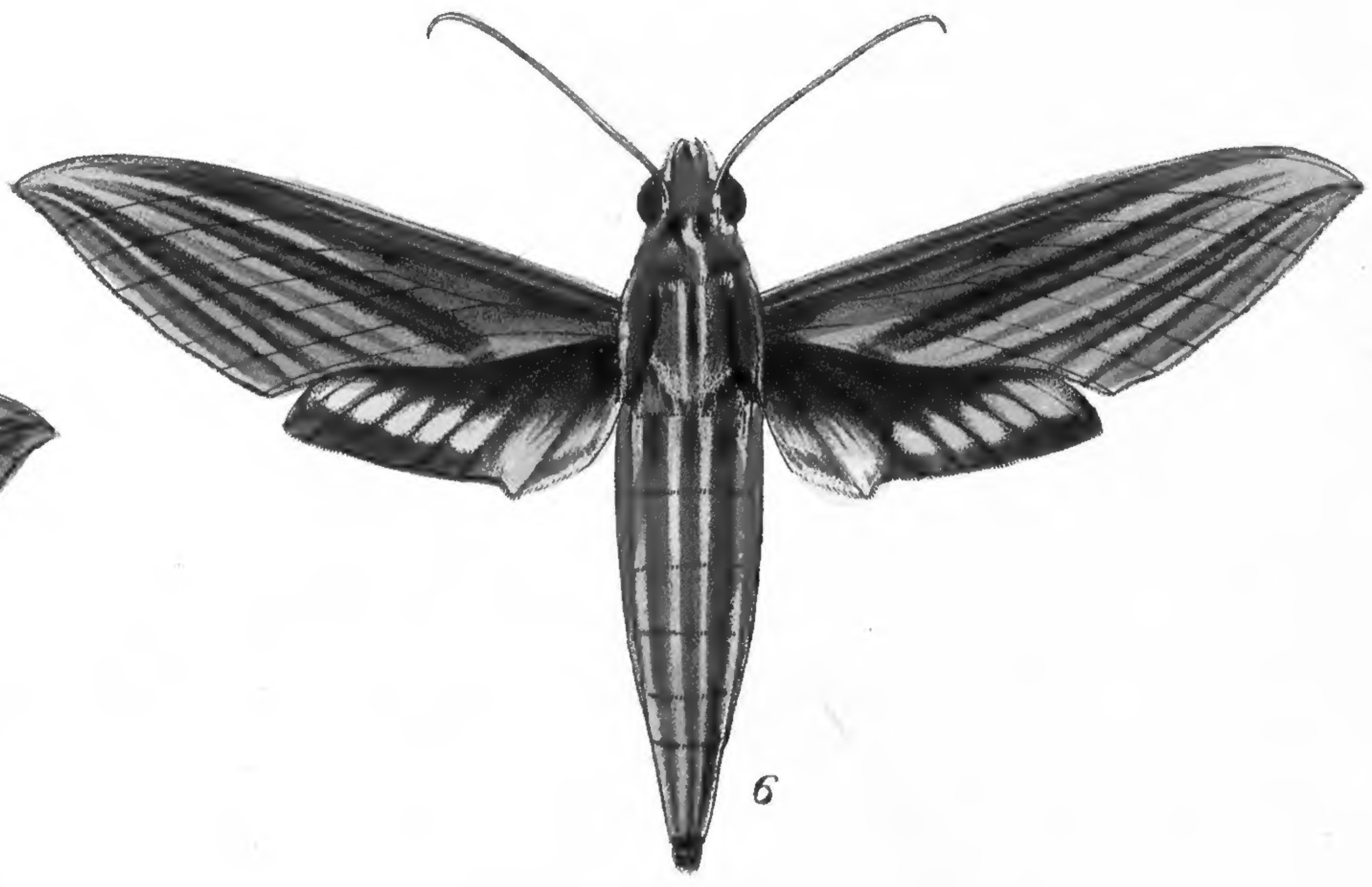
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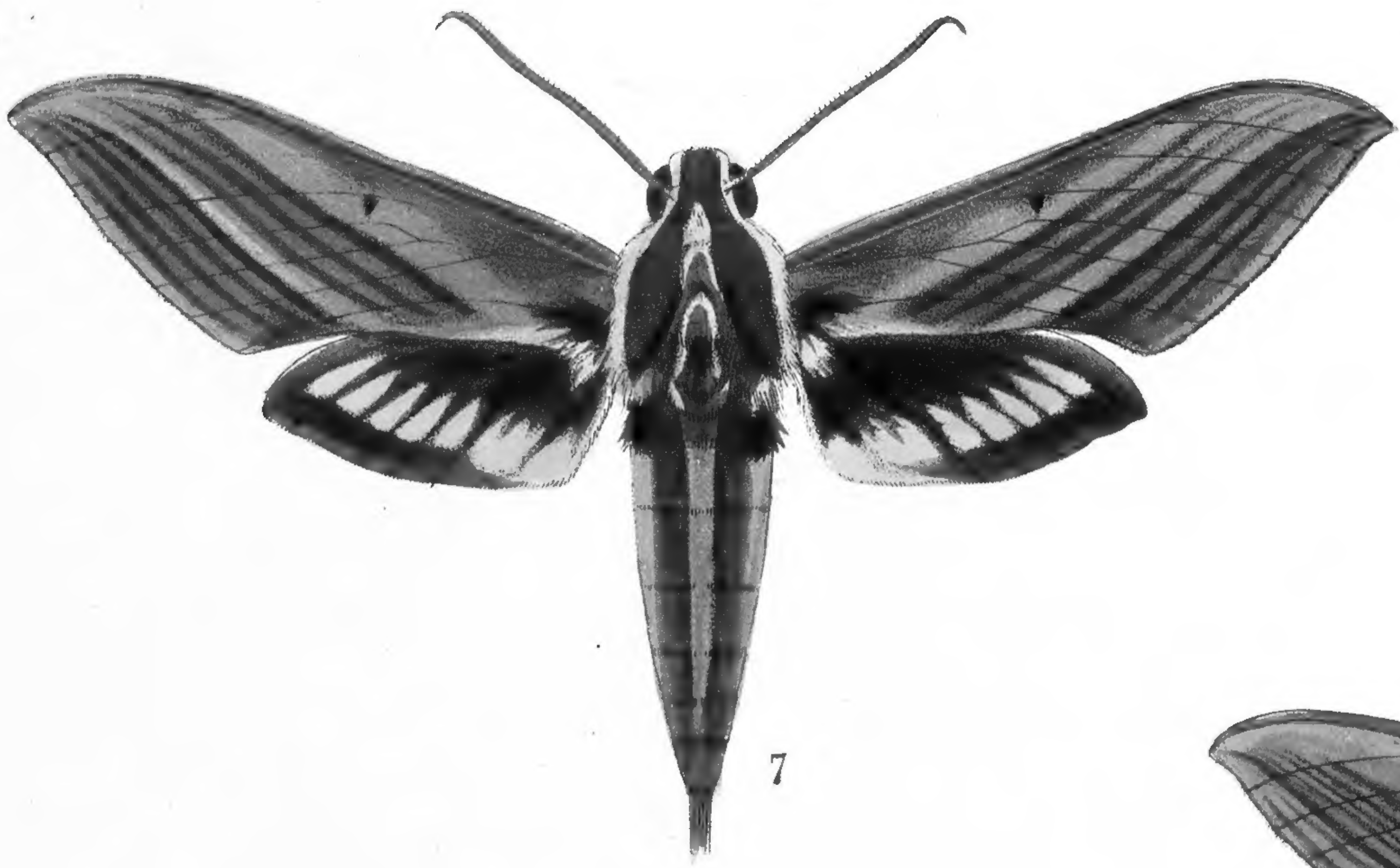
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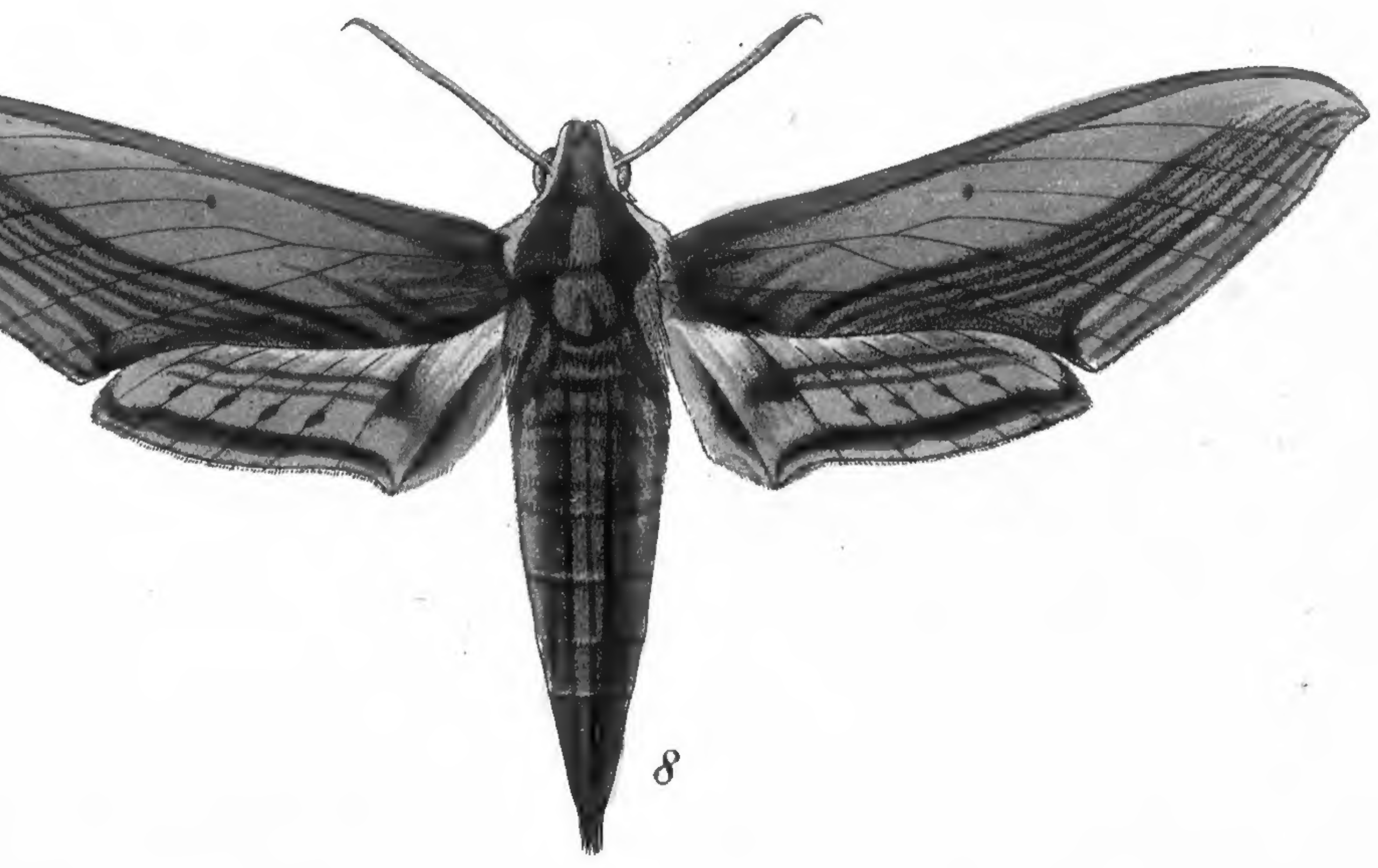
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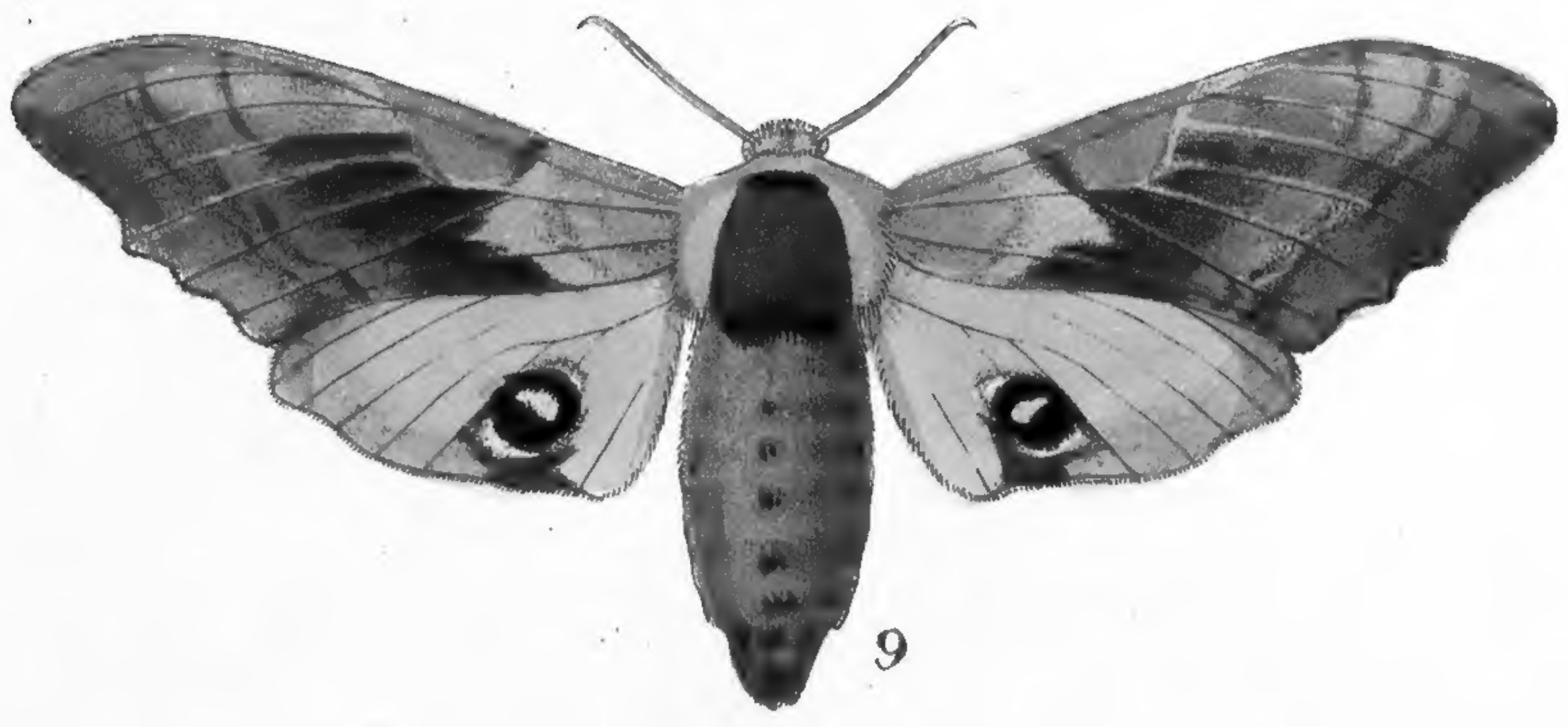
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2. CHÆROCAMPA SALVINI.
3. 4. „ BELTI.
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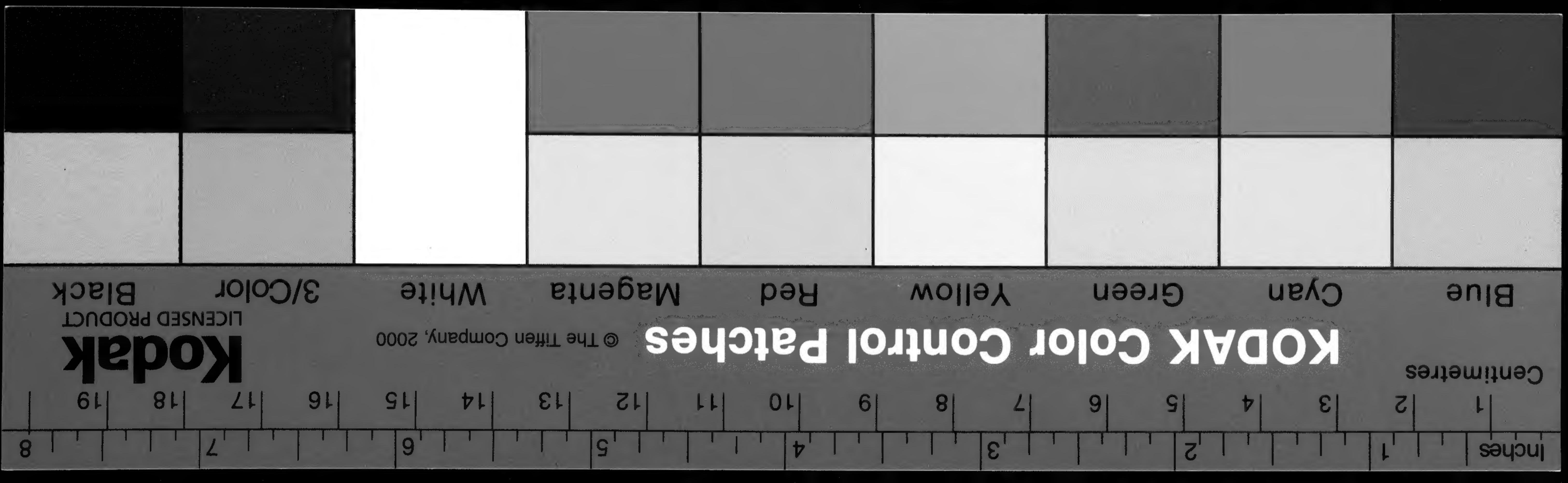
7. „ ARISTOR.
8. „ FALCO.
9. SMERINTHUS SALICETI.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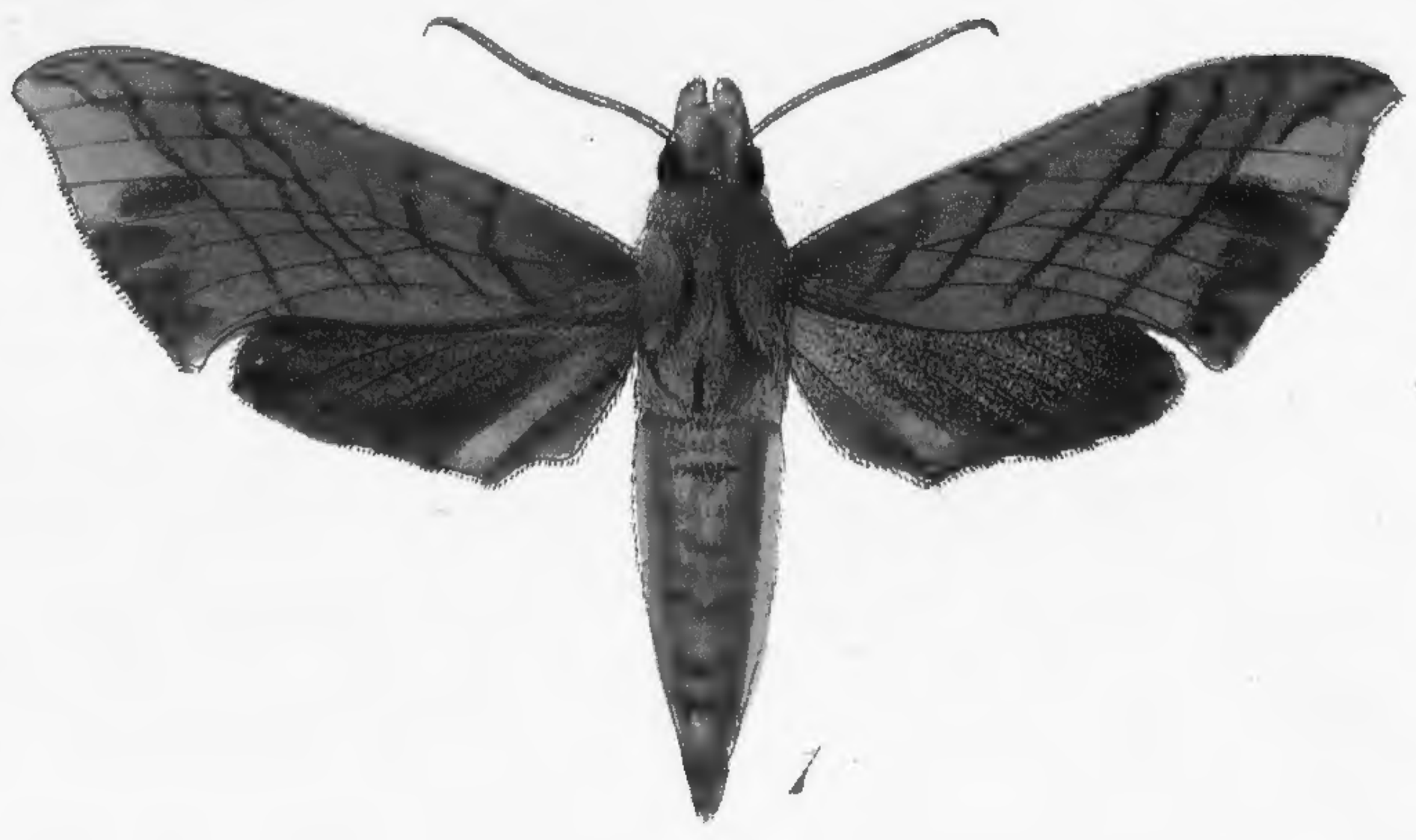
Green
Yellow
Red
Magenta
White
3/Color
Black
KODAK Color Control Patches
© The Tiffen Company, 2000
Kodak
LICENSED PRODUCT
Centimetres
Inches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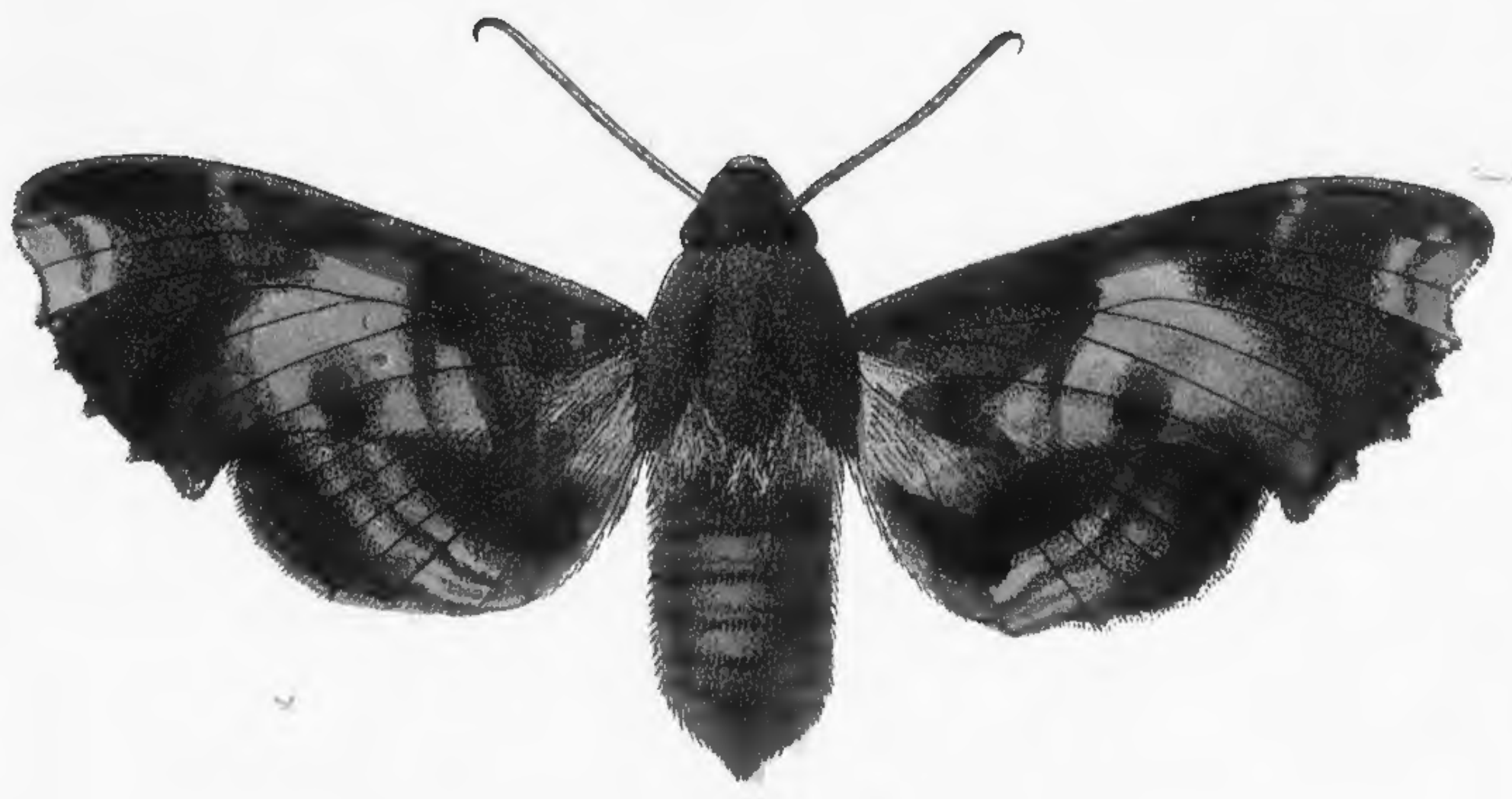
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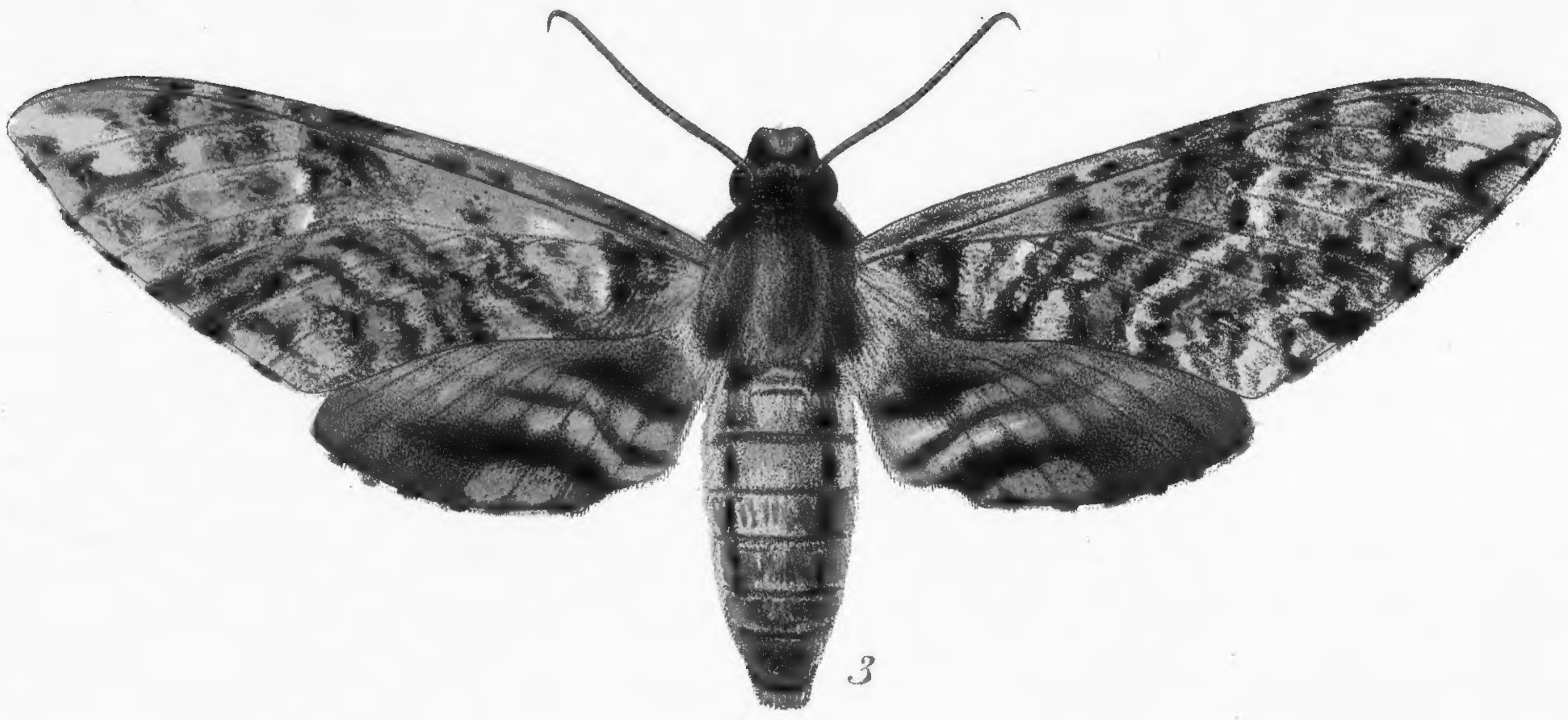
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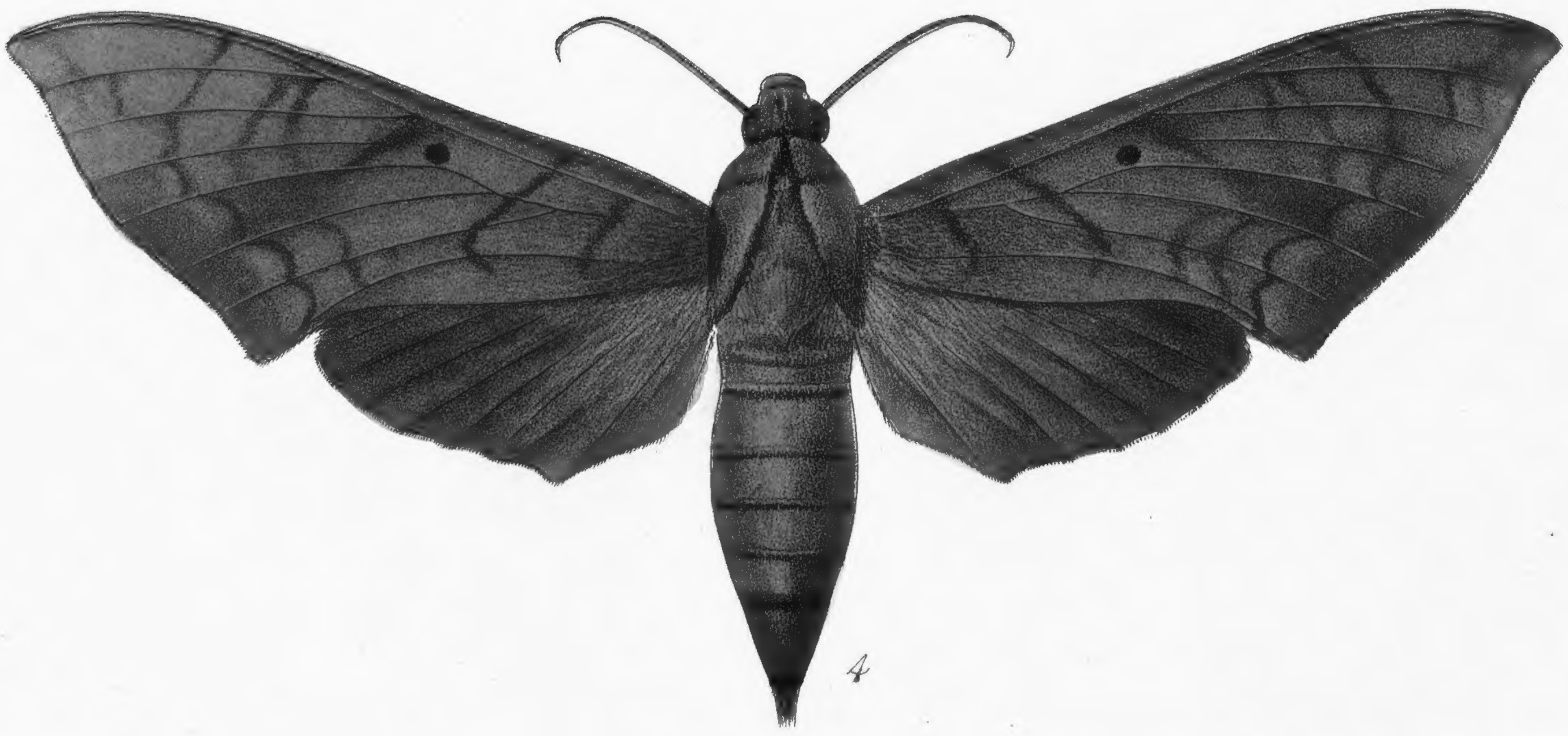
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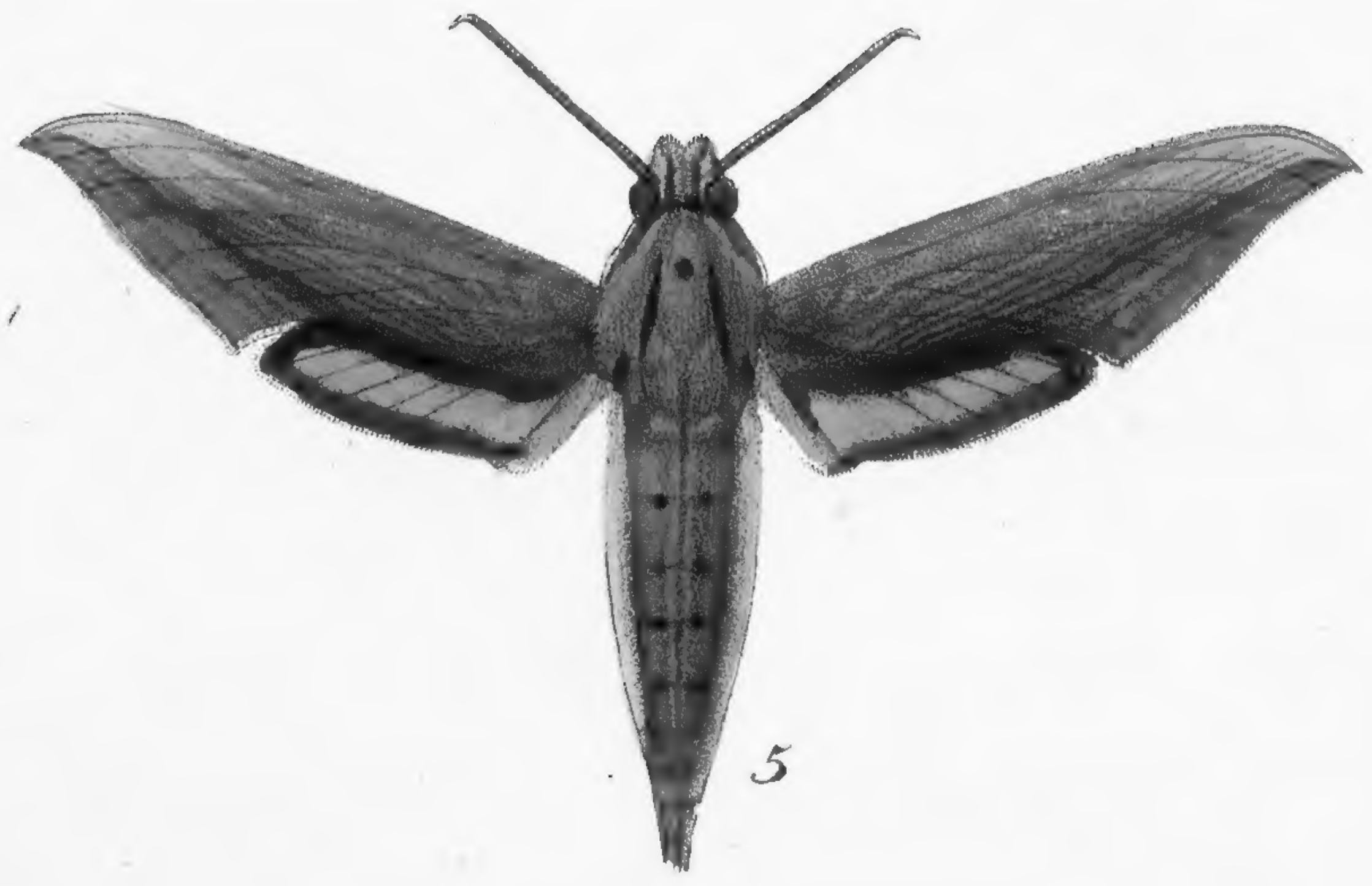
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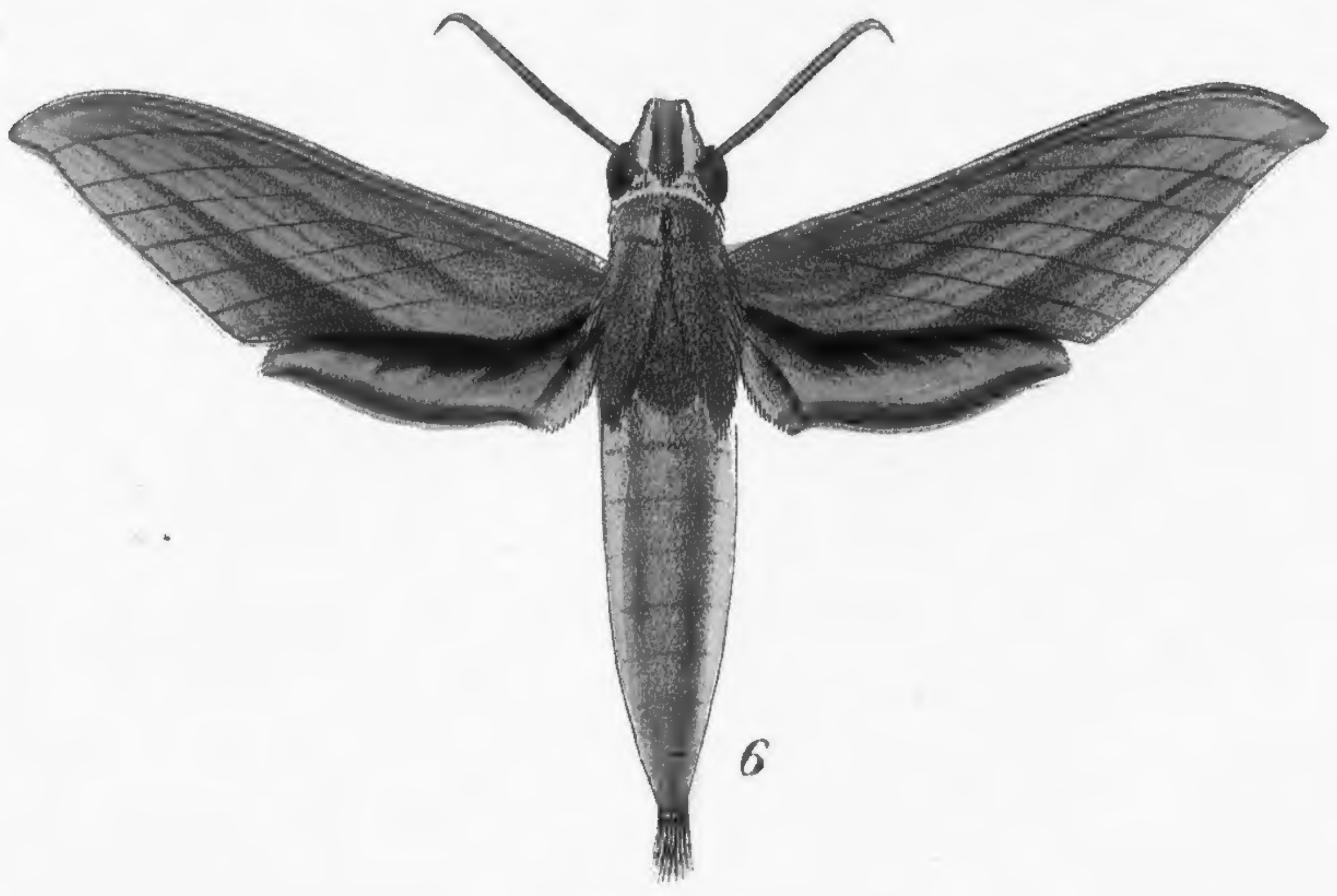
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1 CALLIOMMA ADALIA.
2 PACHYGONIA RIBBEI.
3 DILUDIA CORALLINA.
4 PACHYLIA DARCETA.
5 CHÆROCAMPA LIBYA.
6 „ LÆLIA.

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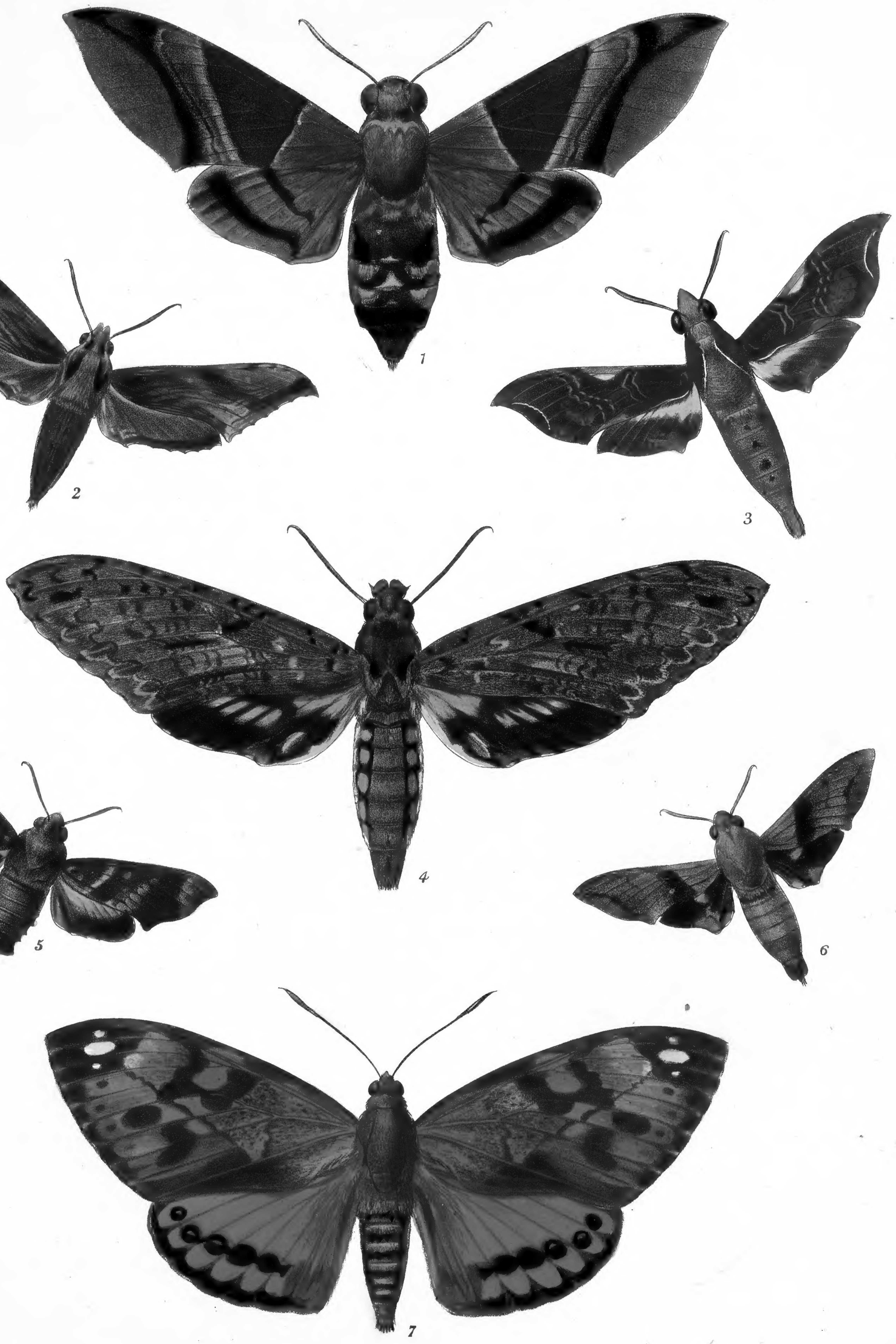
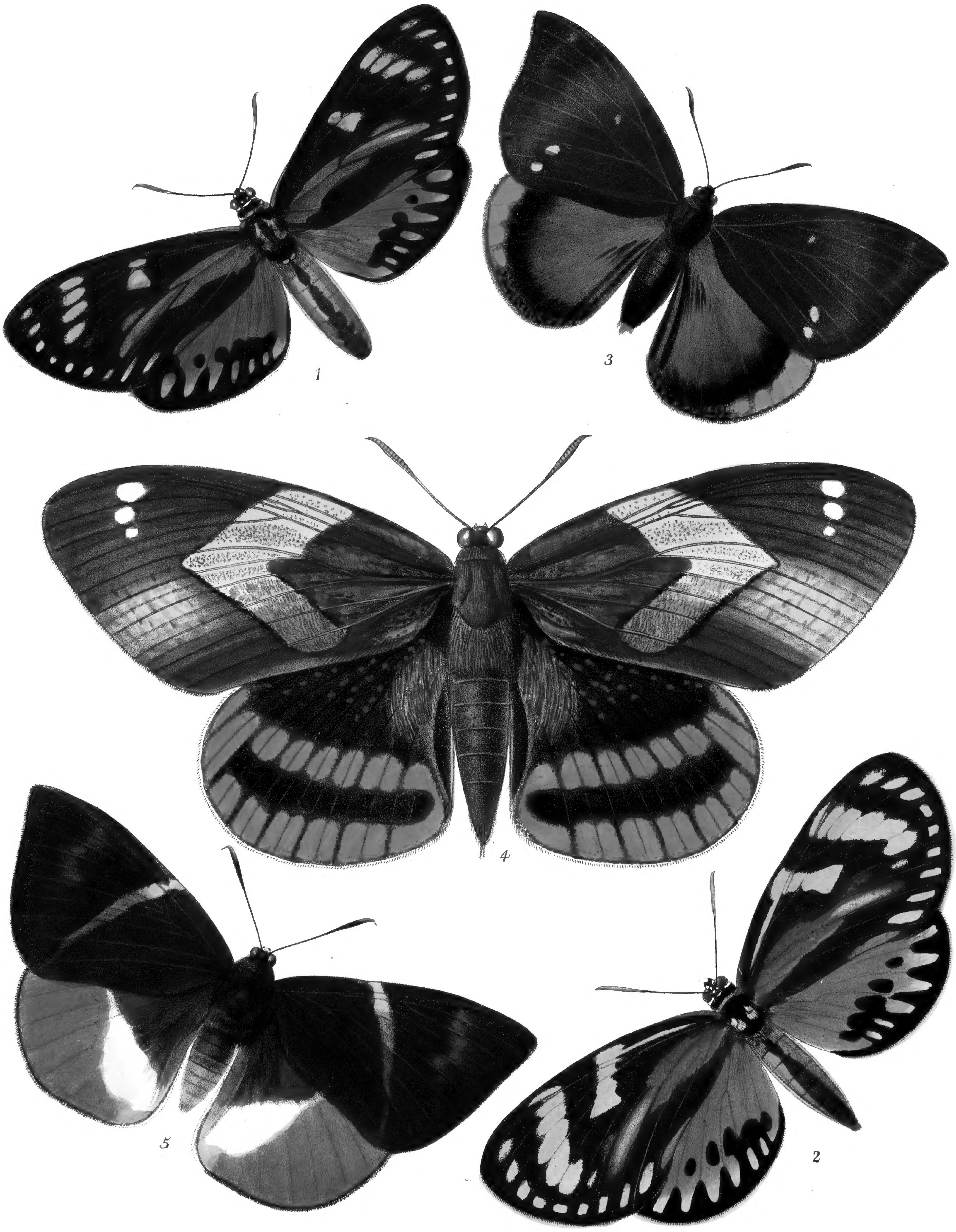
Hanhart imp.
268



1 CLANIS IMPERIALIS.
2 CHŒROCAMPA GODMANI.
3 CALLIOMMA NOMIUS.
4 AMPHONYX RIVULARIS.
5 PERIGONIA LUSCA.
6 PERIGONIA RESTITUTA.
7 CASTNIA CLITARCHA.

W. Purkiss lith.
Hanhart imp.
334

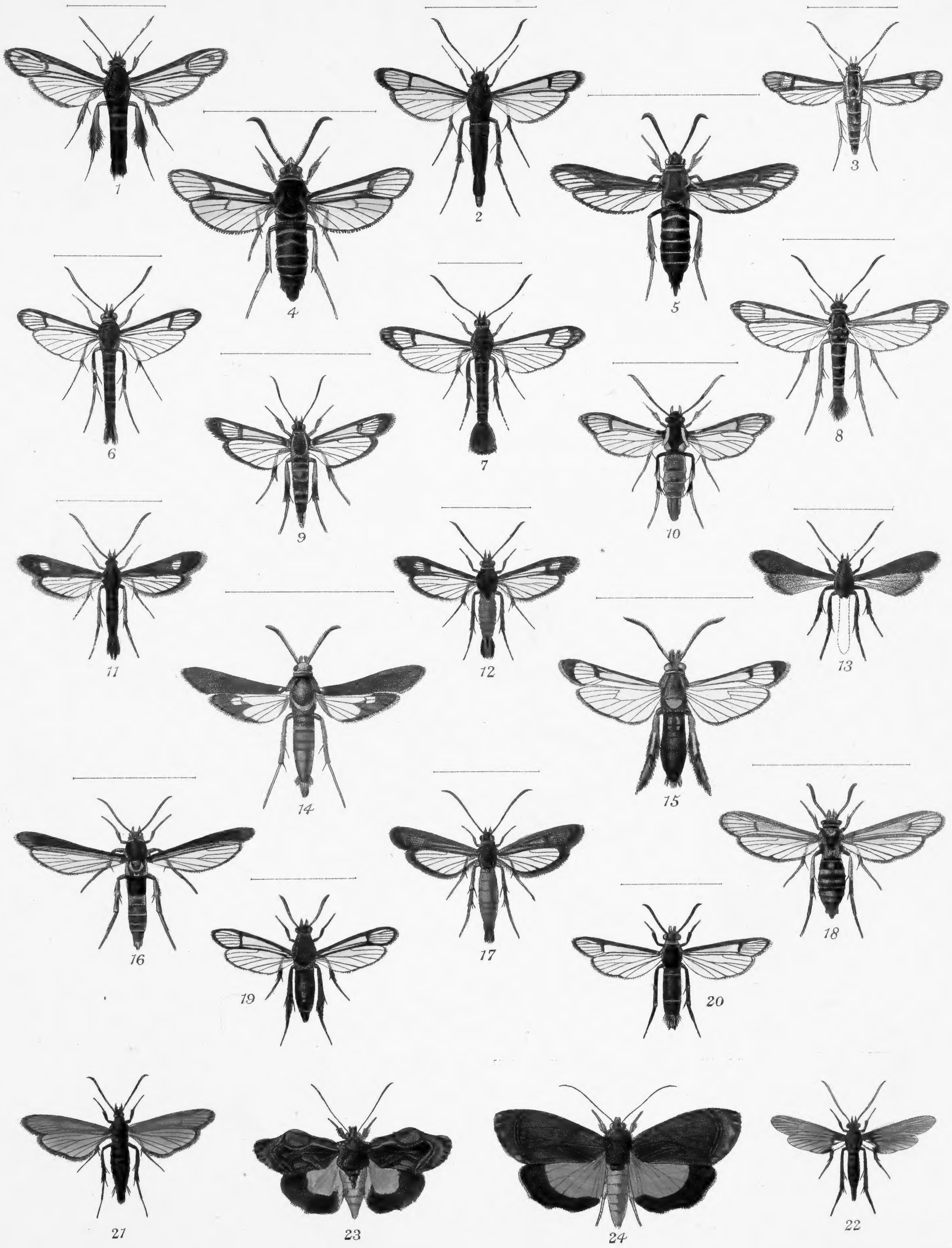


1.2. CASTNIA ZAGRÆA.
3 „ DIVA.

4 CASTNIA VERAGUANA.
5 „ FUTILIS.

W. Purkiss lith.

Hanhart imp.
336.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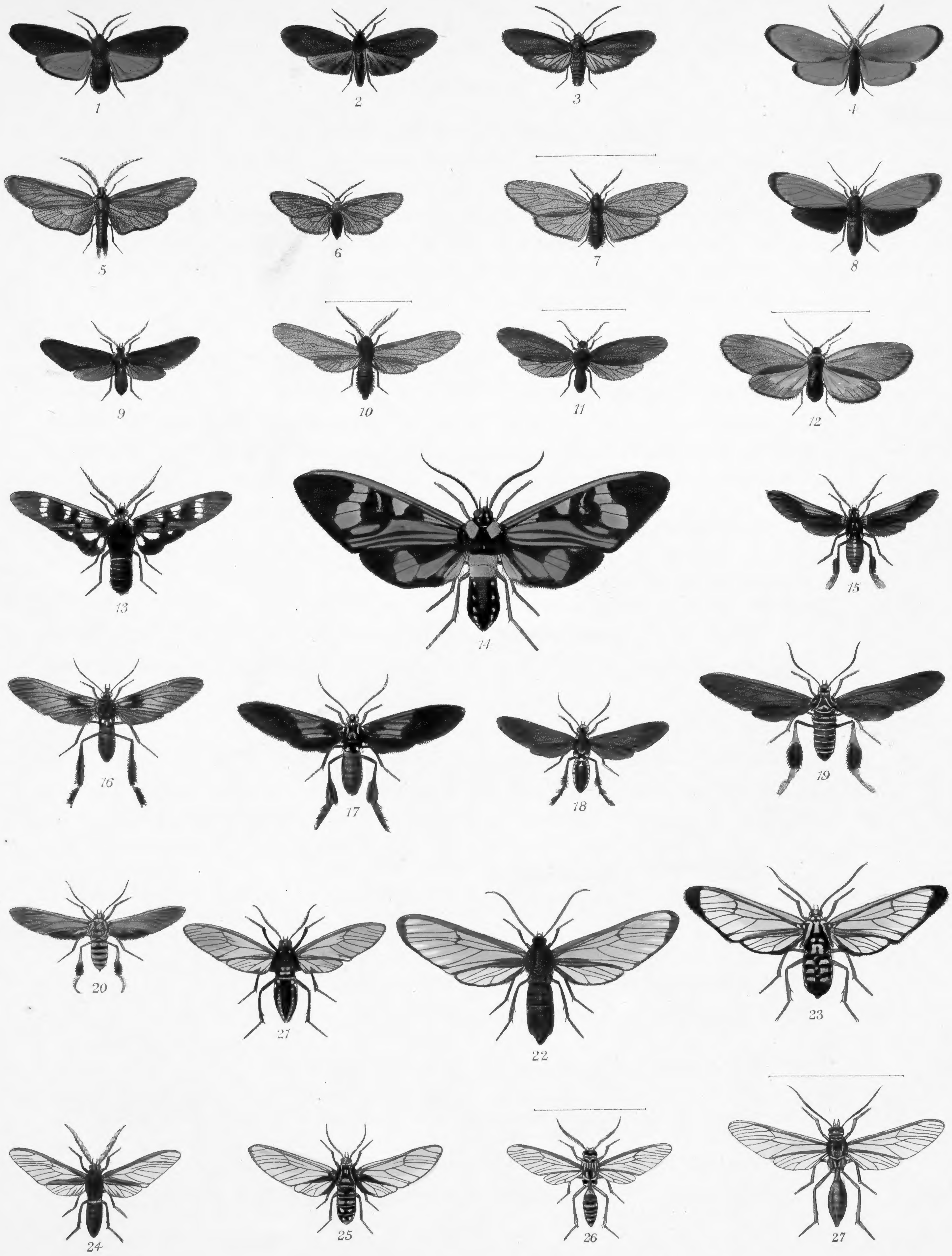
1 ÆGERIA SENTA.
2 „ SALLUSTIFORMIS.
3 „ TRYPHONIFORMIS.
4♂, 5♀ SPHECIA CHAMPIONI.
6 ÆGERIA RUFICAUDIS.
7 „ PRODUCTA.
8 „ DEIPYLA.
9 ÆGERIA GUATEMALENA.
10 „ LÆTA.
11 „ CERES.
12♂ „ GELIFORMIS.
13 „ PROSERPINA.
14 TIRISTA ARGENTIFRONS.
15 MELITTA BUTLERI.
16 ÆGERIA TABOGANA.
17♀ ÆGERIA GELIFORMIS.
18 SYNCARA PHYLLIS.
19 „ CAMBYSES.
20 „ LYTÆA.
21 SINNINA VERRUGO.
22 „ KORITES.
23♂, 24♀ HECATESIA FALCATA.

W. Purkiss lith.   Hanhart imp.



1 CŒMENTA TIMON.
2 „ MORIO.
3 PSEUDOPROCRIS GRACILIS.
4 PROCRIS ANACREON.
5 SERYDA MEGALOPS.
6 PROCRIS THYESTA.
7 „ THYANA.
8 ACREAGRIS TOGATA.
9 ICHORIA LYCONE.

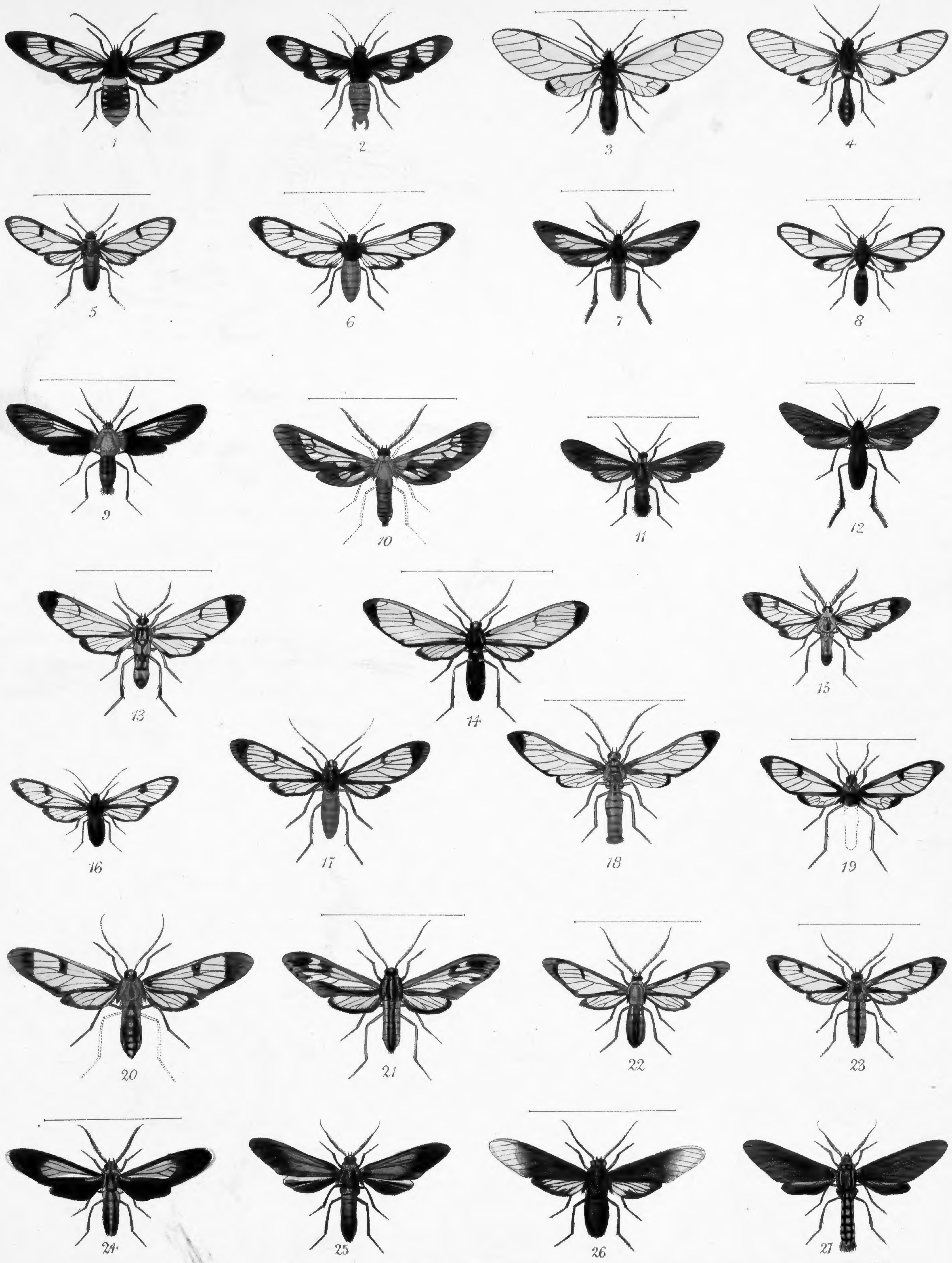
10 AGLAOPE GUATEMALENA.
11 URODUS RUFICOLLIS.
12 PROCRIS CENNIANA.
13 EUPYRA CORYDON.
14 HESTIÆA MELDOLÆ.
15 MACROCNEME AURIPES.
16 „ ADONIS.
17 „ IOLE.
18 CALLICARUS LACONIA.

19 MASTIGOCERA ÆDIPUS.
20 „ CALVIPES.
21 HOMÆOCERA AZIA.
22 ISANTHRENE ECHEMON.
23 „ CRABONIFORMIS.
24 SAROSA POMPILINA.
25 HOMÆOCERA BEATRIX.
26 SPHECOSOMA FASCIOLATUM.
27 „ TESTACEUM.

W. Purkiss lith.
Hanhart imp.
349.

Blue Cyan Green Yellow Red Magenta White 3/Color Black
KODAK Color Control Patches
© The Tiffen Company, 2000
Kodak LICENSED PRODUCT
Centimetres
Inches

J. F. BATES CLARKE



1 GYMNELIA XENEDORUS.
2 DYCLADIA MEXICANA.
3 ARGYROEIDES EURYPON.
4 TRICHURA ESMERALDA.
5 LÆMOCHARIS STRYMA.
6 " HERCYNA.
7 PSEUDOCHARIS SITHON.
8 SYNTRICHURA PLACIDA.
9 THRINACIA SANGUINEA.
10 COSMOSOMA MYRRHA.
11 AMYCLES FLAVICOLLIS.
12 PSEUDOCHARIS NÆNIA.
13 COSMOSOMA ELEGANS.
14 " SARON.
15 " ADVENA.
16 PHEIA INTENSA.
17 COSMOSOMA HECTOR.
18 DYCLADIA FELDERI
19 DYCLADIA AUGUSTA.
20 COSMOSOMA IMPAR.
21 DYCLADIA VITTATA.
22 " PYRGION
23 " IMITATA
24 NAPATA LEUCOTELUS
25 ANTICHLORIS VIRIDIS.
26 AMYCLES ALBOMARGINATUS.
27 ERIPHIA TRACTIPENNIS.

W. Purkiss lith. Hanhart imp.
345

Blue Cyan Green Yellow Red Magenta White 3/Color Black
KODAK Color Control Patches © The Tiffen Company, 2000 Kodak LICENSED PRODUCT
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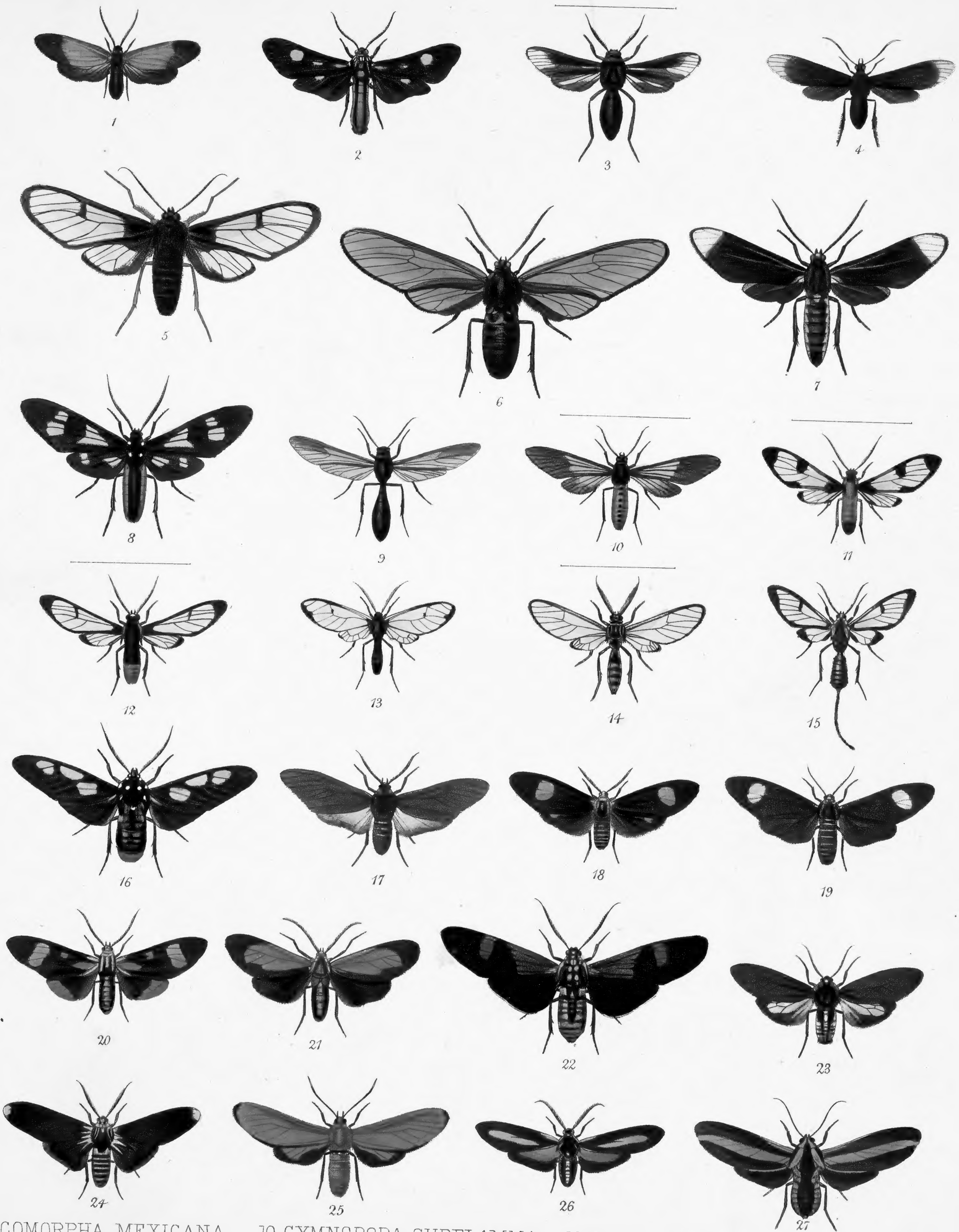

1 LYCOMORPHA MEXICANA.
2 CALANOTOS METALICUS.
3 AMYCLES STRIGOSA.
4 MACROCNEME EVELINA.
5 GYMNELIA GIGANTEA.
6 ISANTHRENE CHAMPIONI.
7 PTERYGOPTERUS SUPERBUS.
8 CALANOTOS TROTSCHI.
9 MYRMECOPSIS CRABONIS.
10 GYMNOPODA SUBFLAMMA.
11 DYCLADIA SEMIFULVA.
12 " FLAVIVENTRIS.
13 ARGYROEIDES LEURION.
14 " MENEPHRON.
15 TRICHURA RIBBEI.
16 PROCALYPTA VICTORINA.
17♂ ANTICHLORIS PANACEA.
18♂ 19♀ CHARIDEA XENODICE.
20 CHARIDEA AROGANS *Var* COSTARICENSIS.
21 " GRISELDIS.
22 BELEMNIA JOVIS.
23 ACLYTIA CONSPICUA.
24 HELIURA ALPHA.
25 AUTOMOLIS GRANDIS.
26 " LUCINIA.
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W. Purkiss lith.
Hanhart imp
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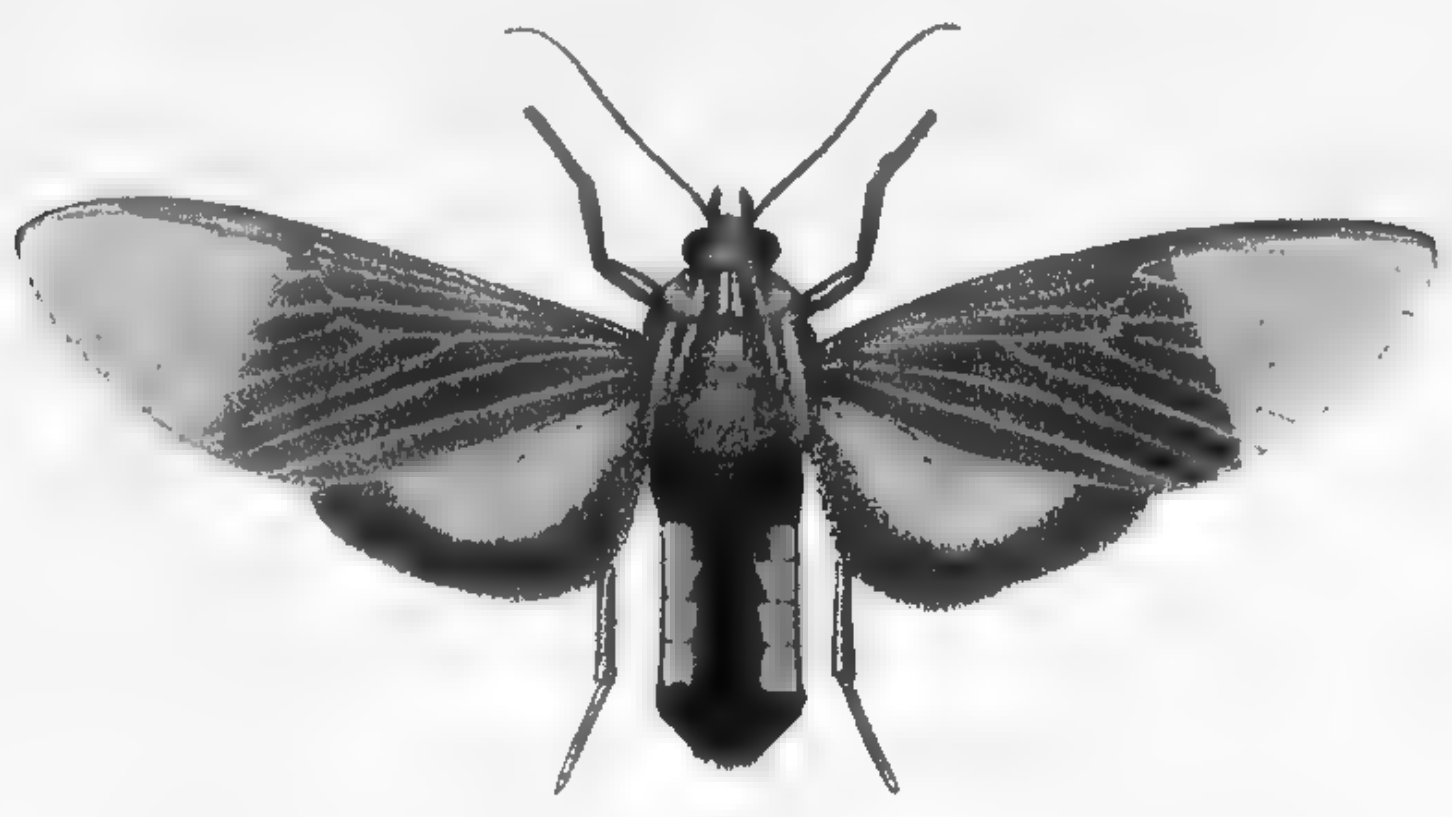
Biol. Centr. Am. Heterocera Tab. 9.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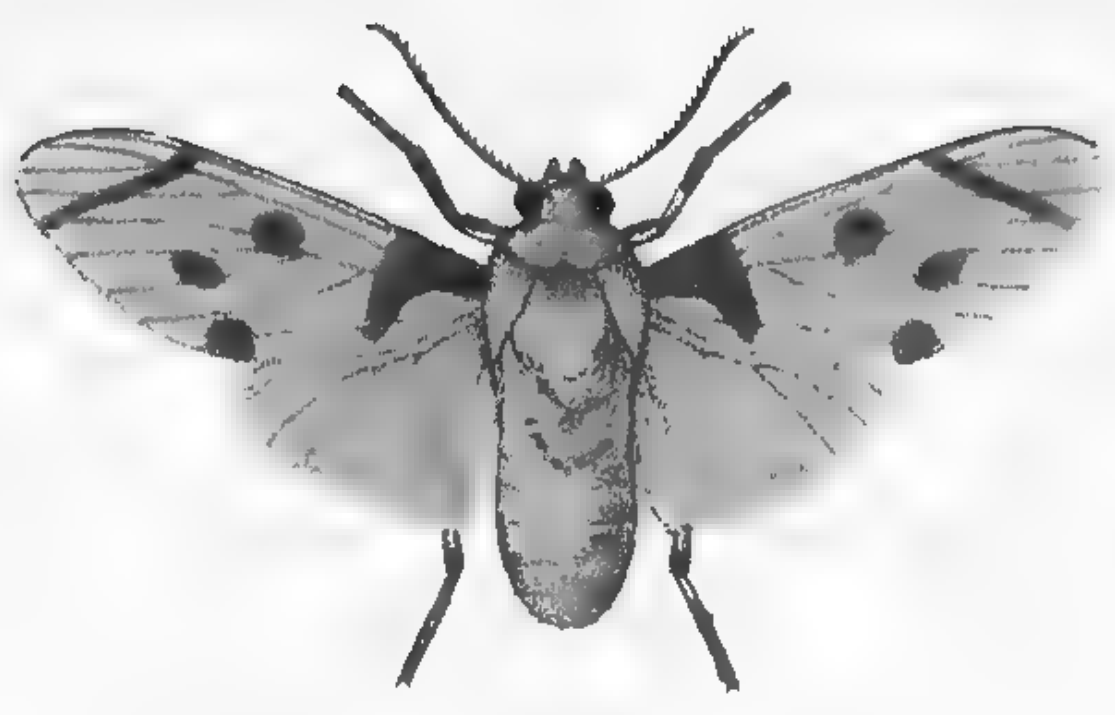
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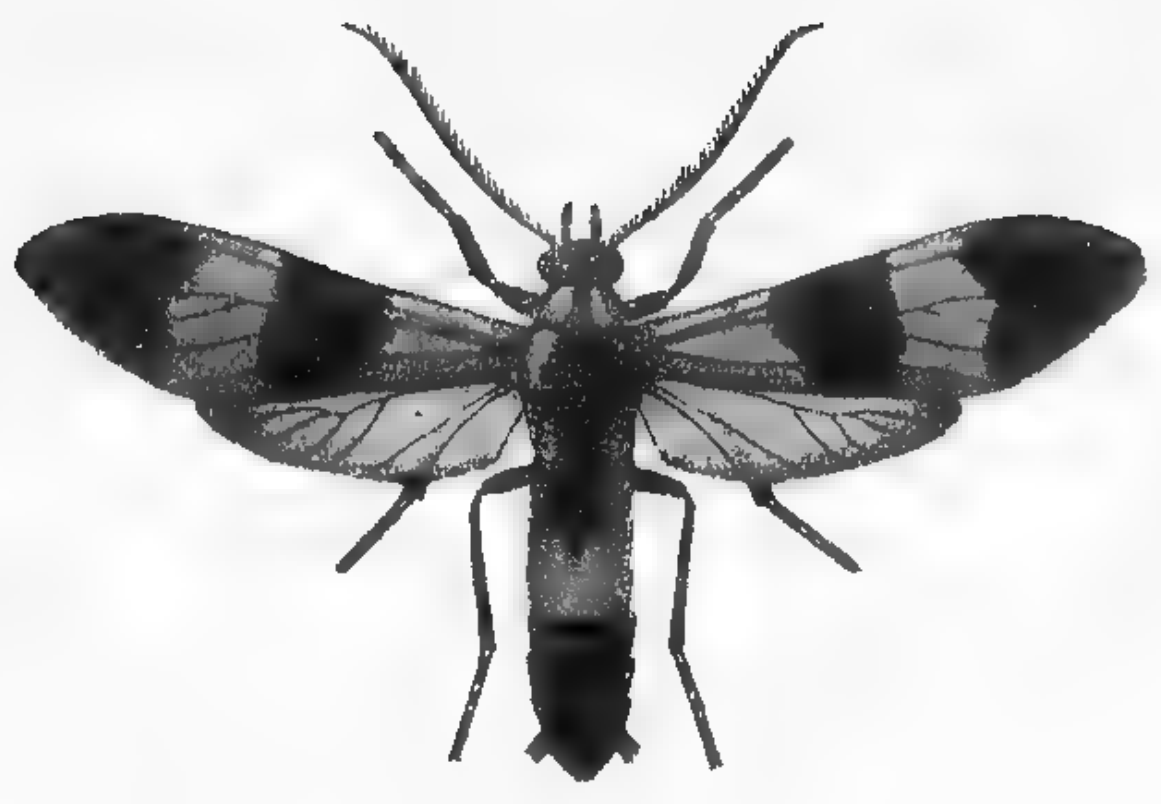
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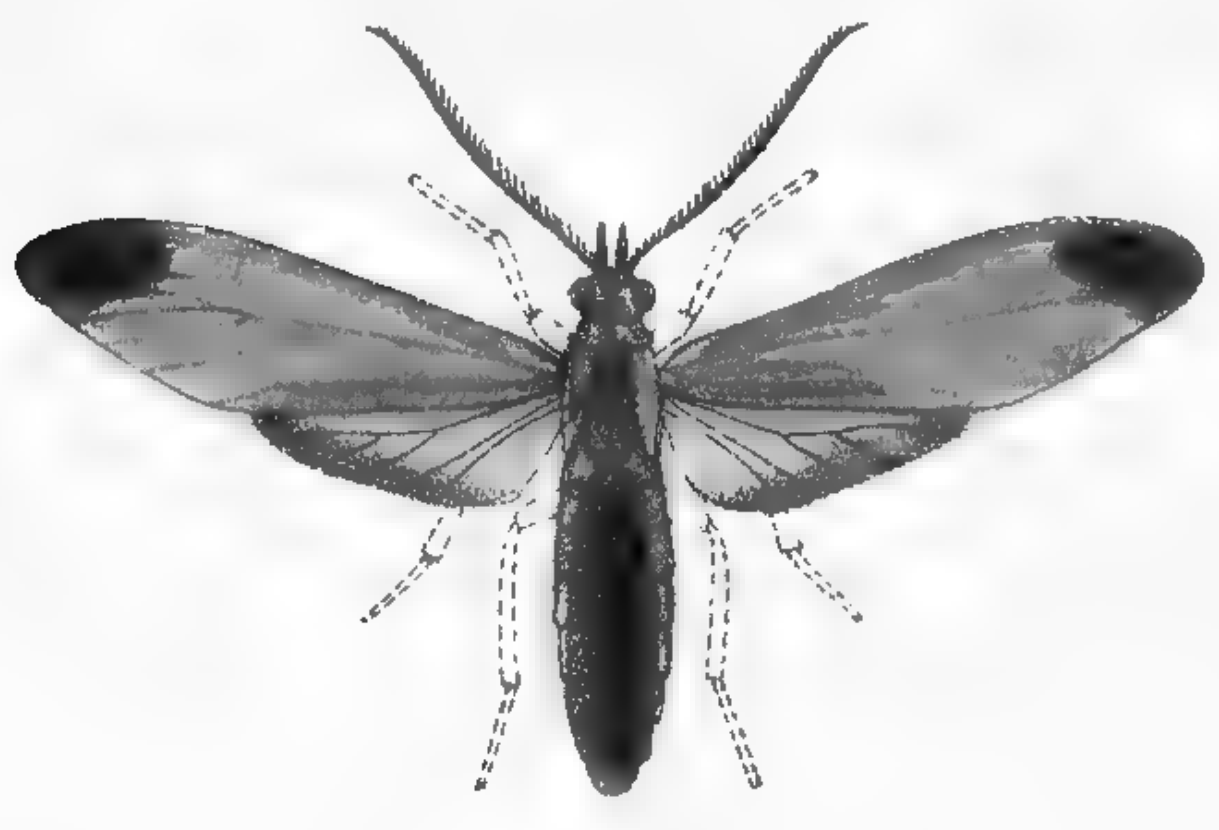
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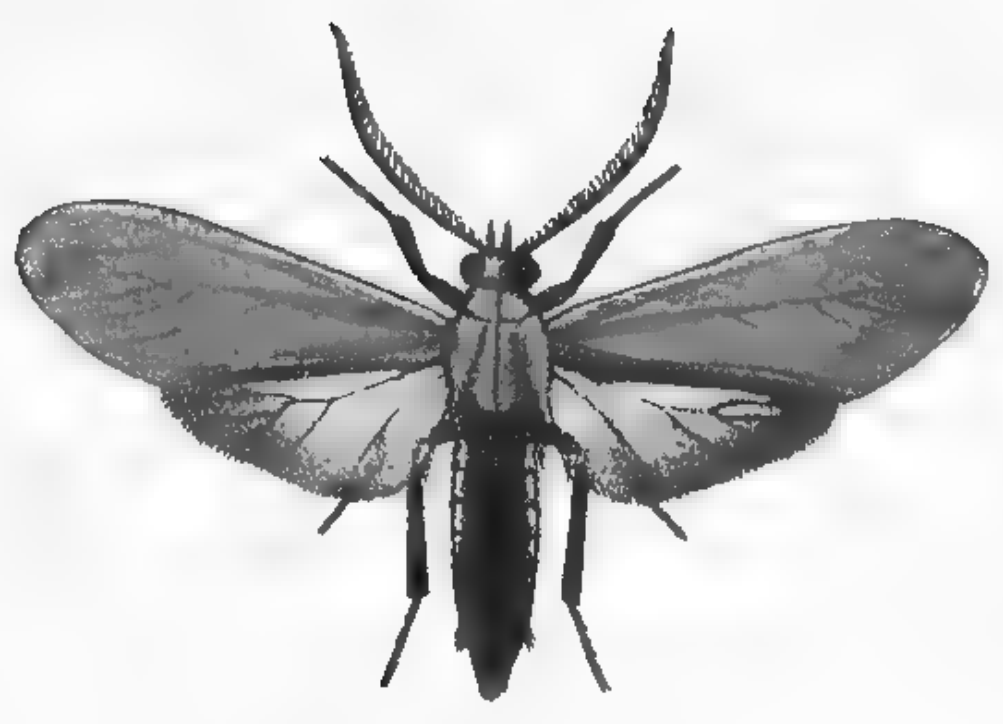
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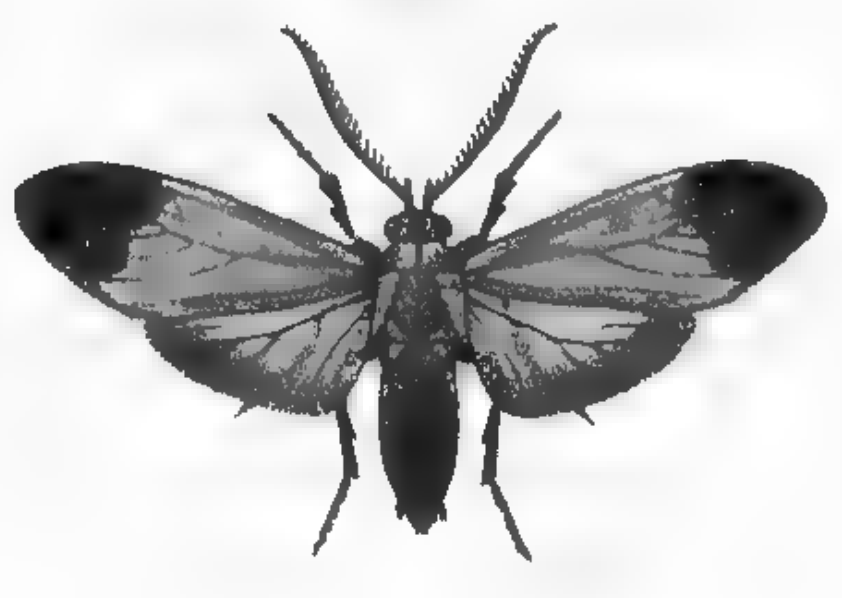
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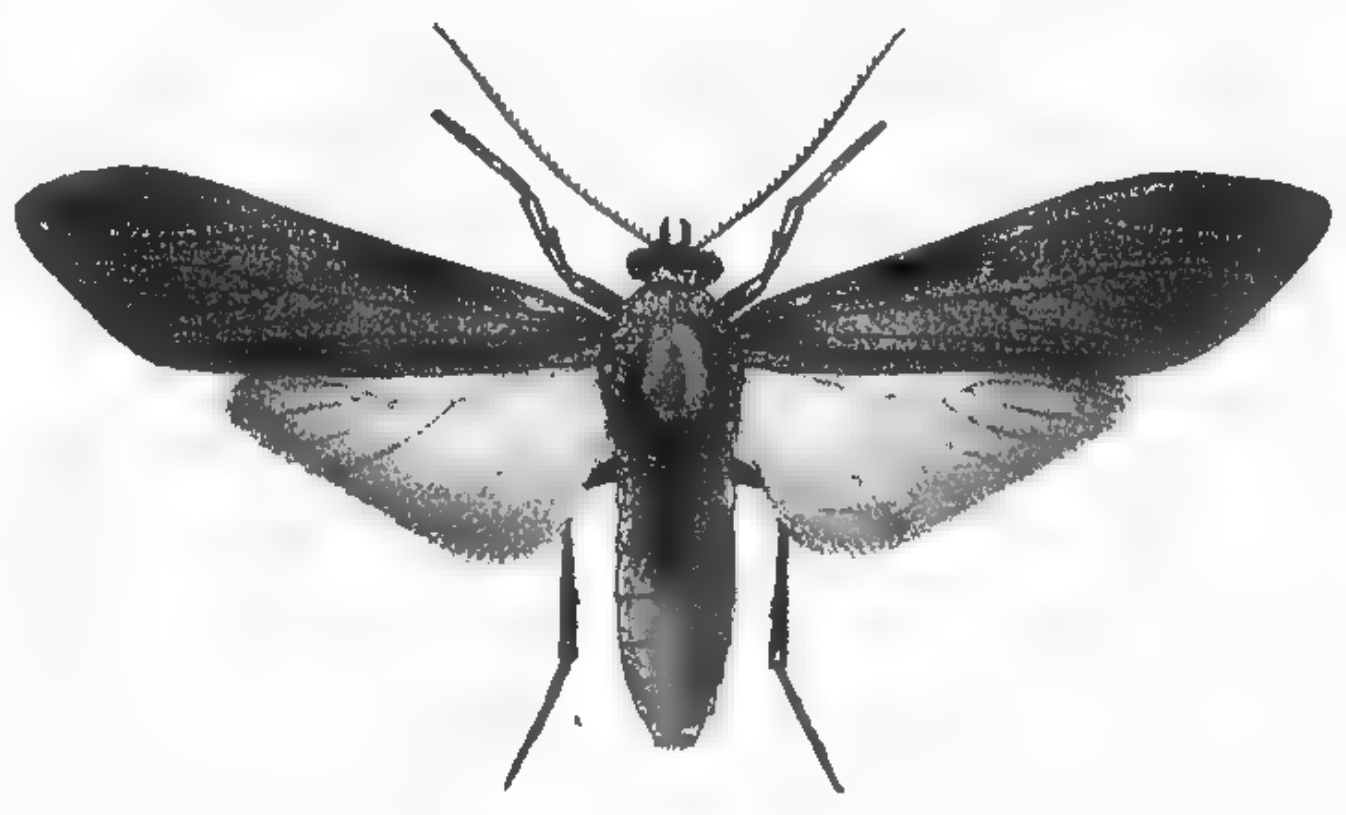
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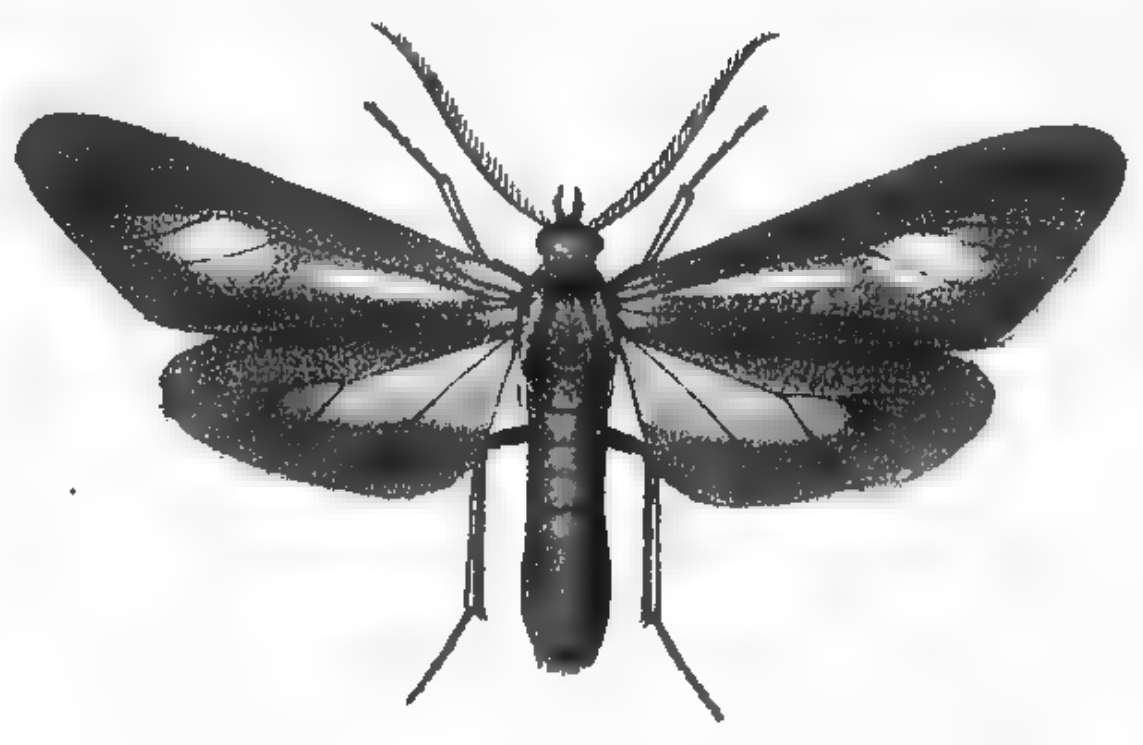
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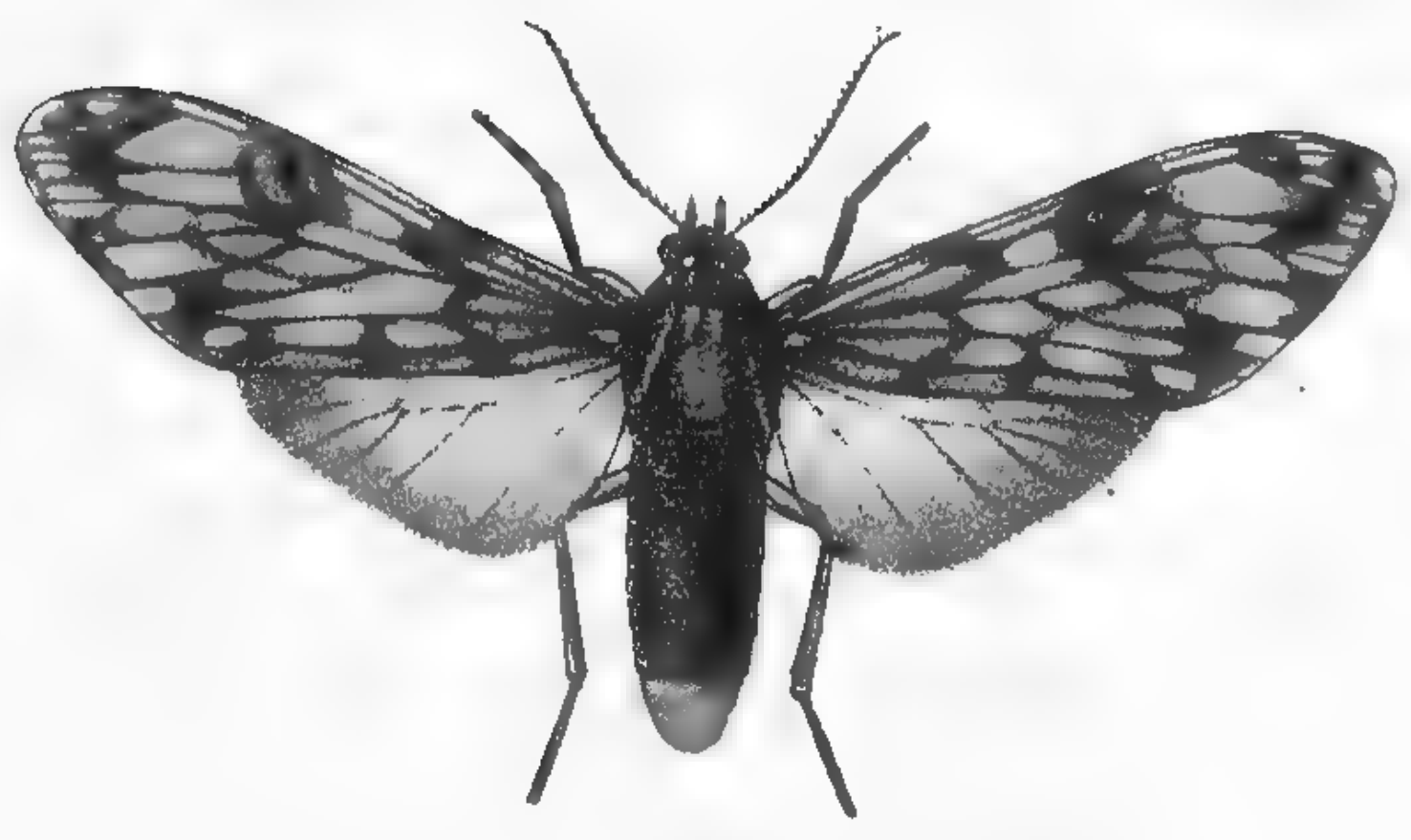
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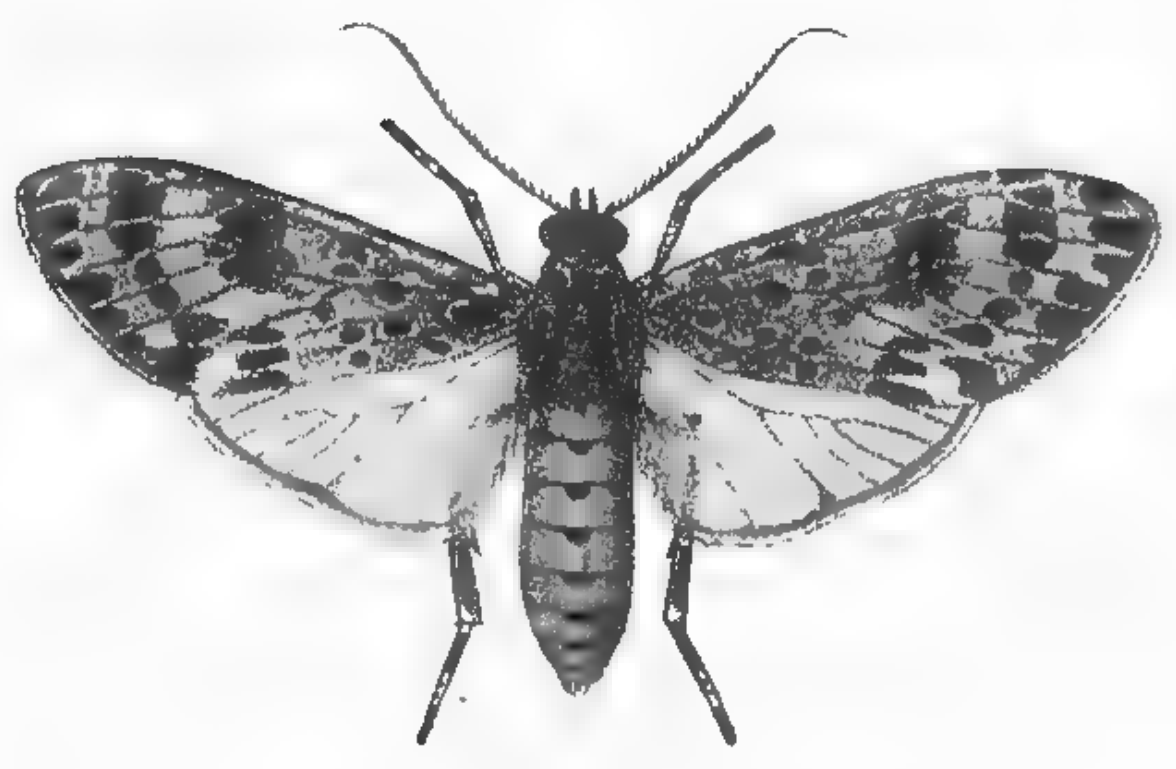
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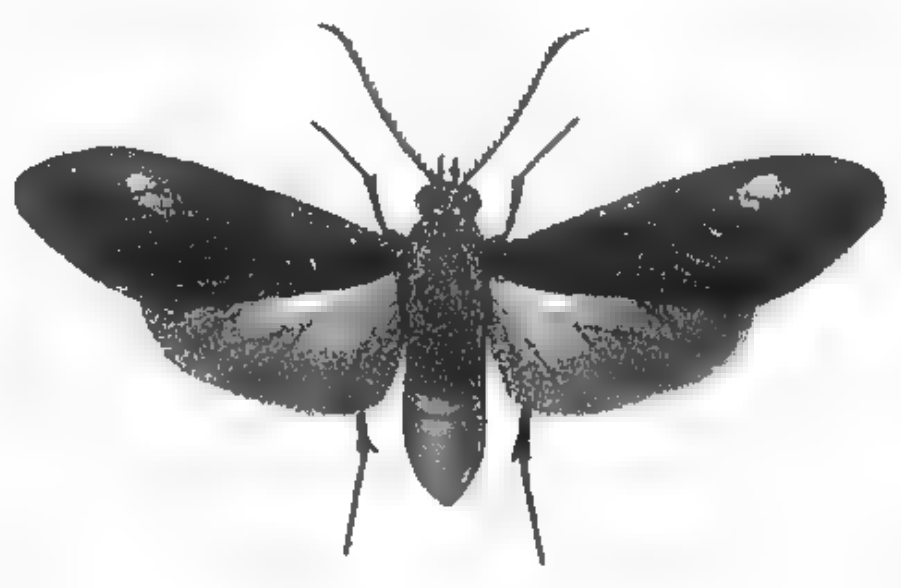
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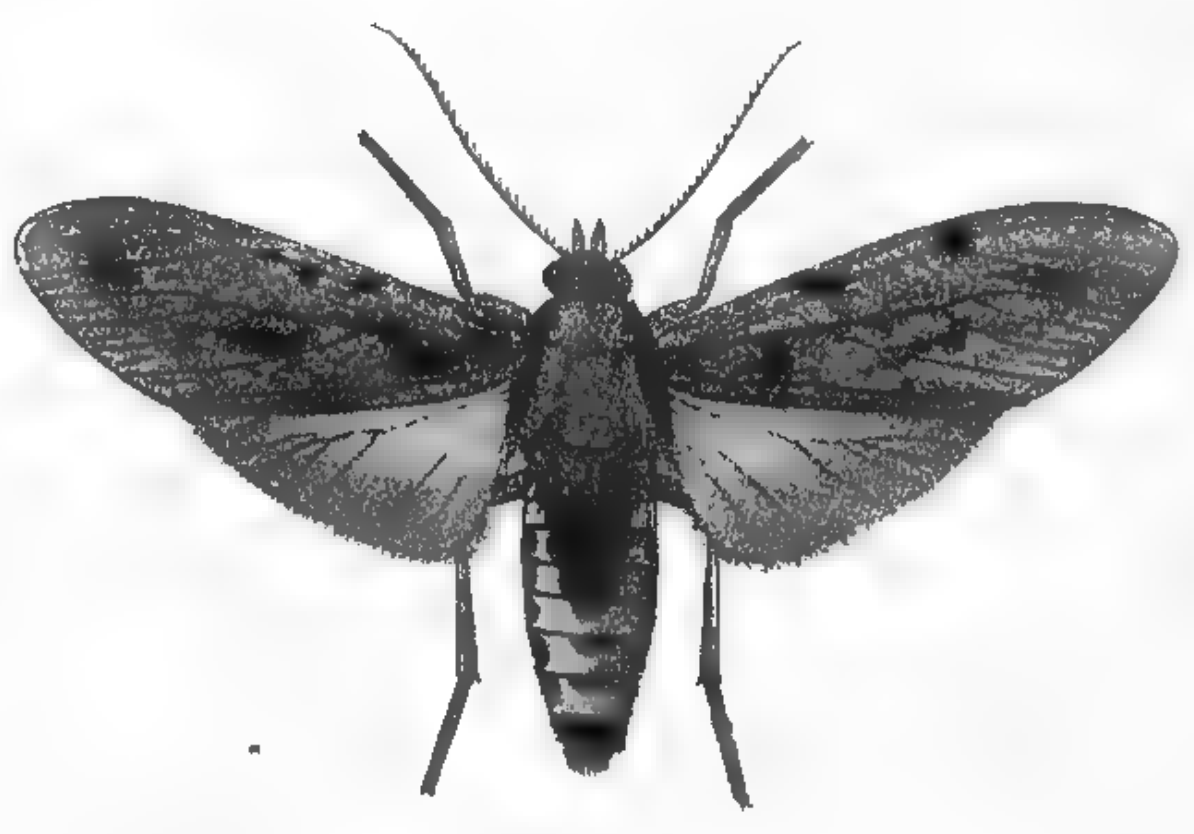
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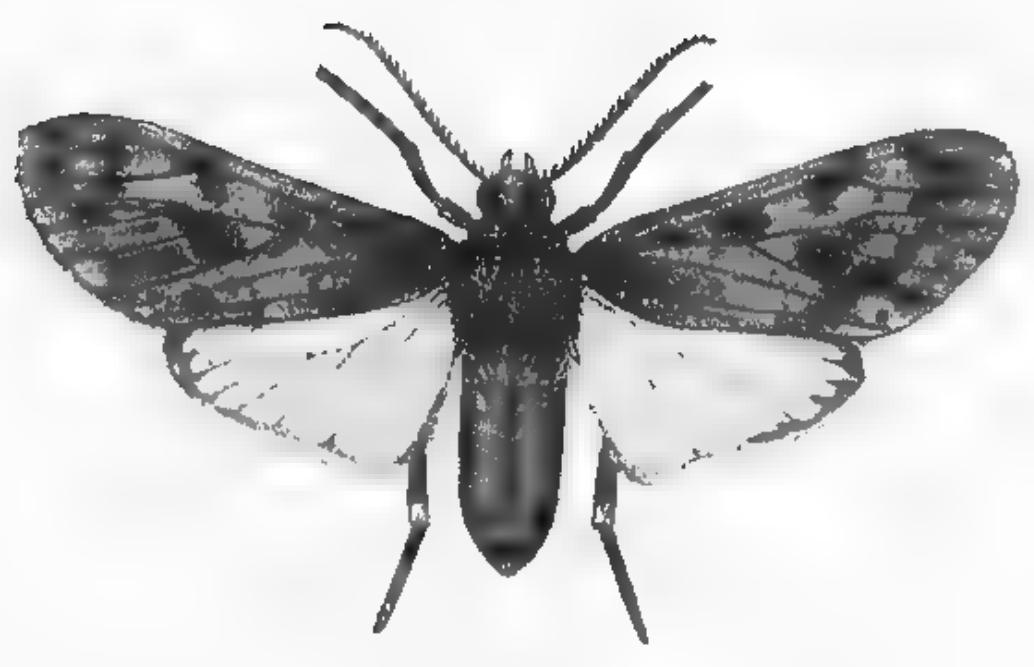
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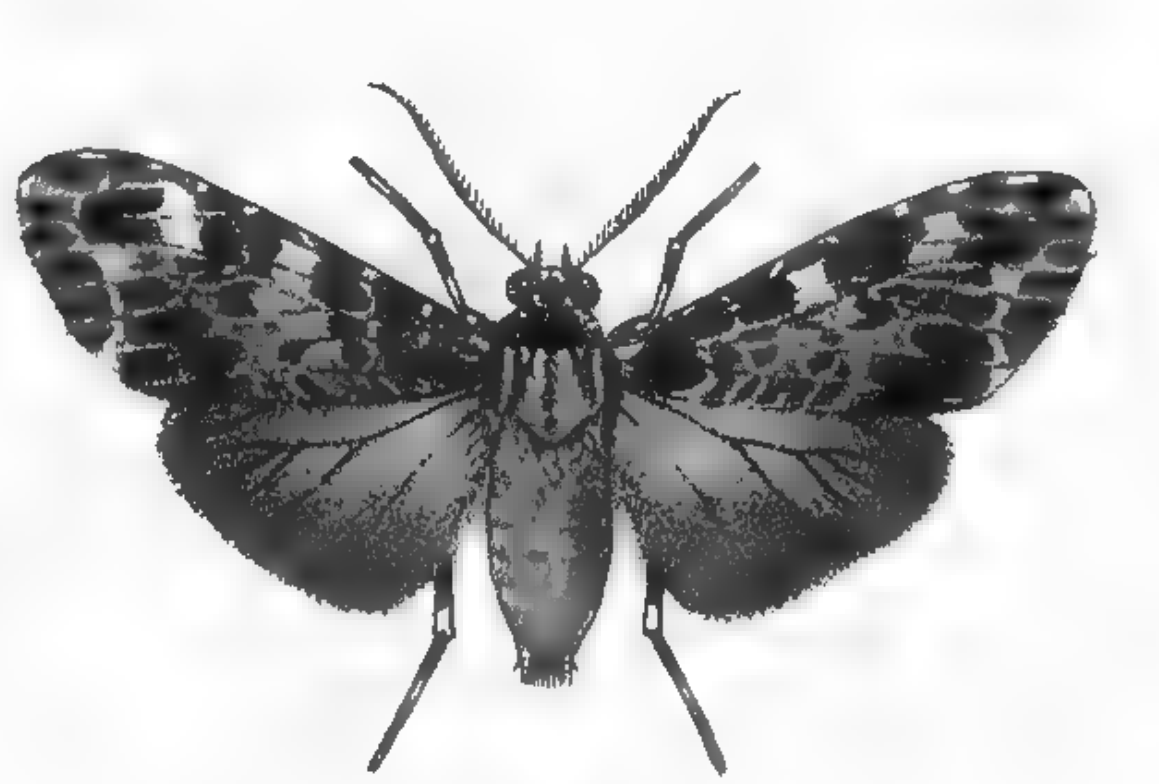
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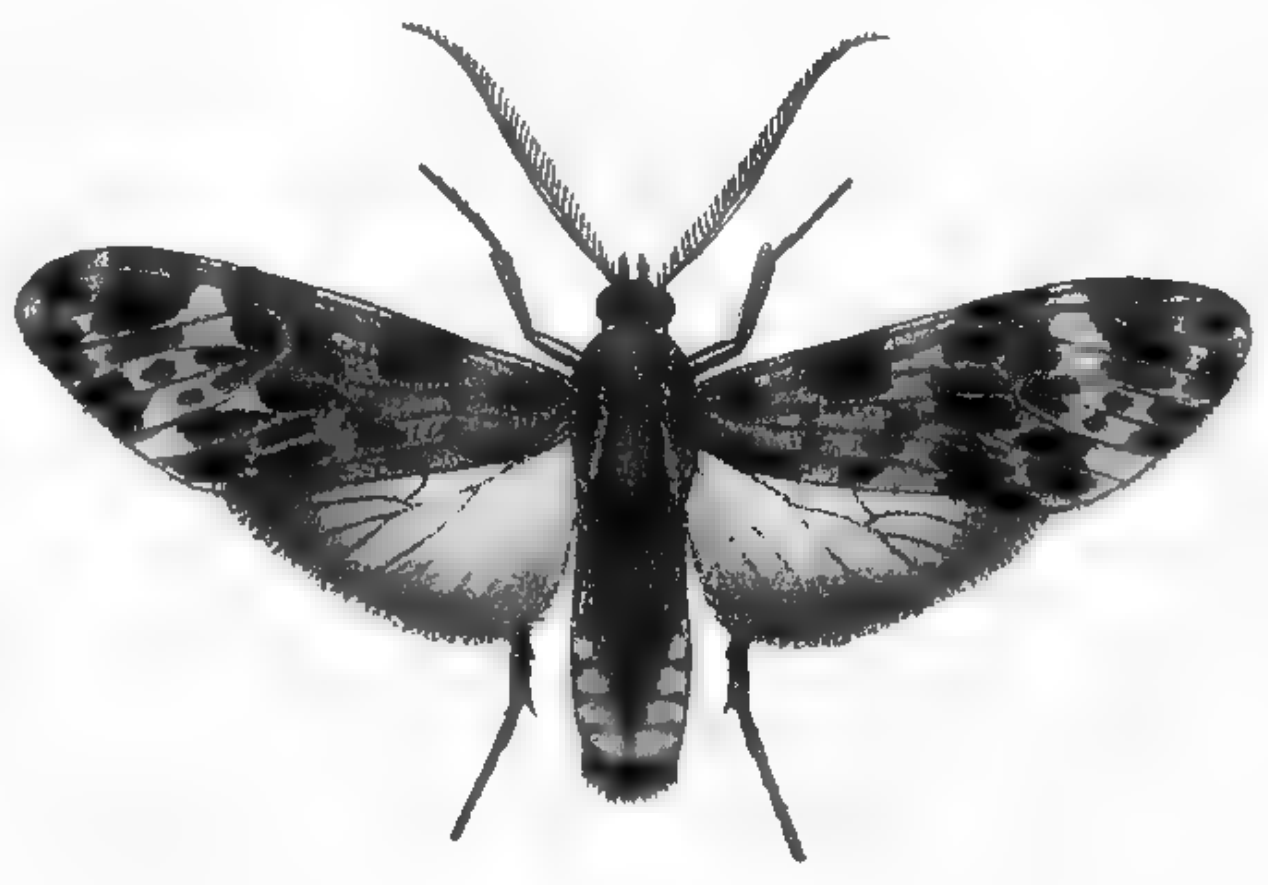
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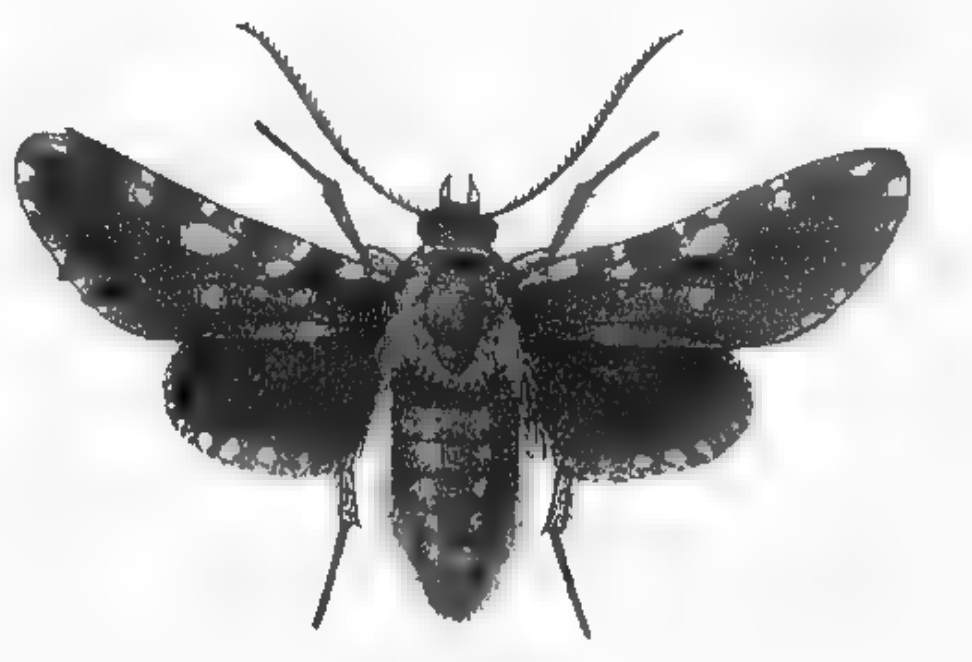
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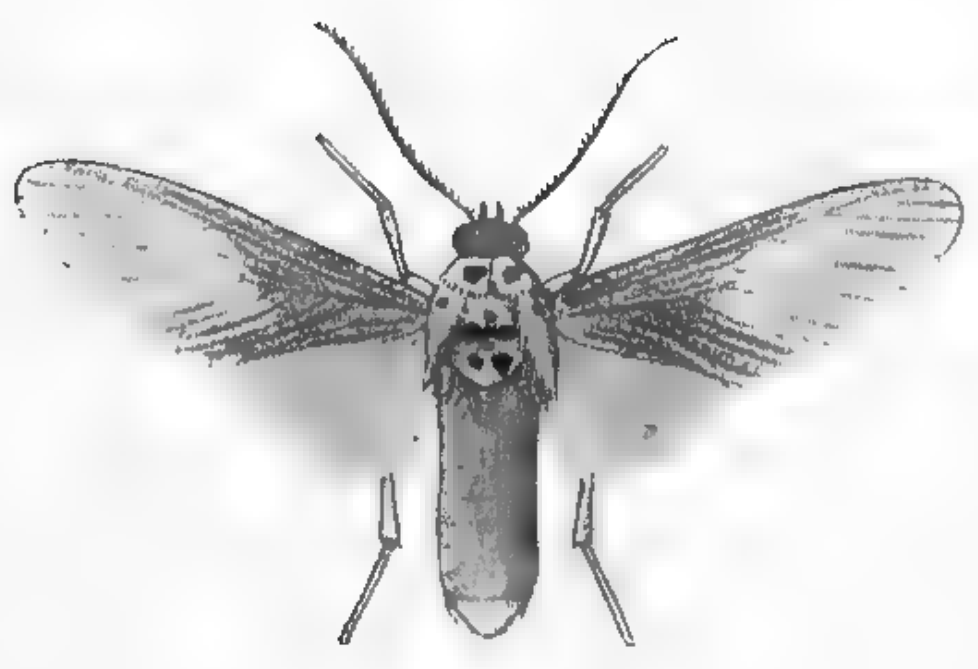
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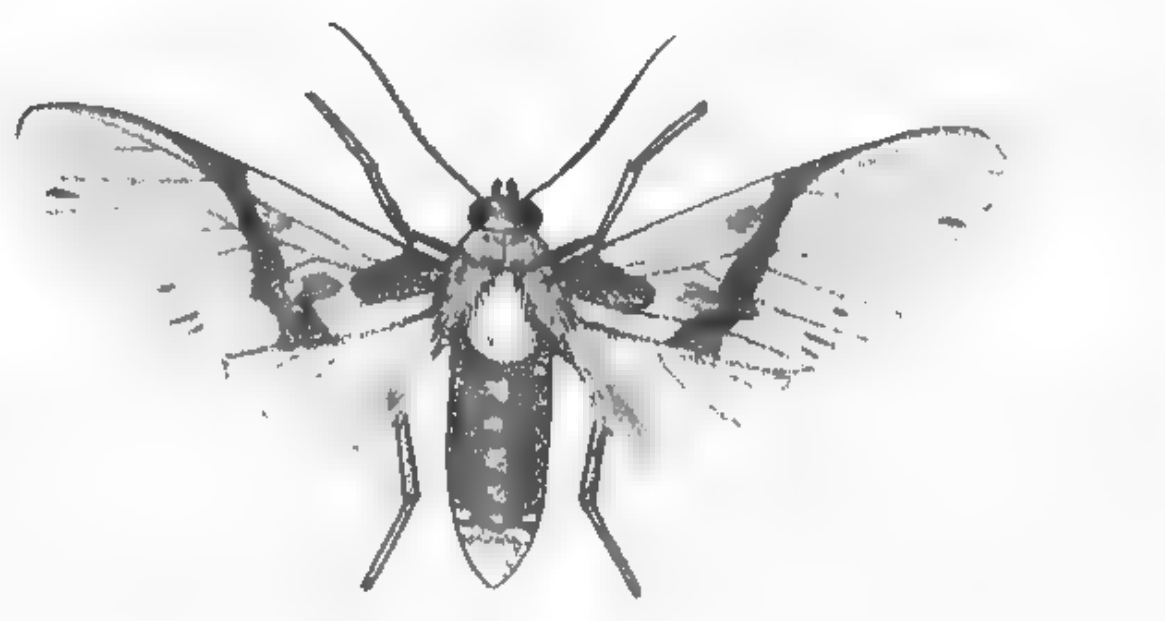
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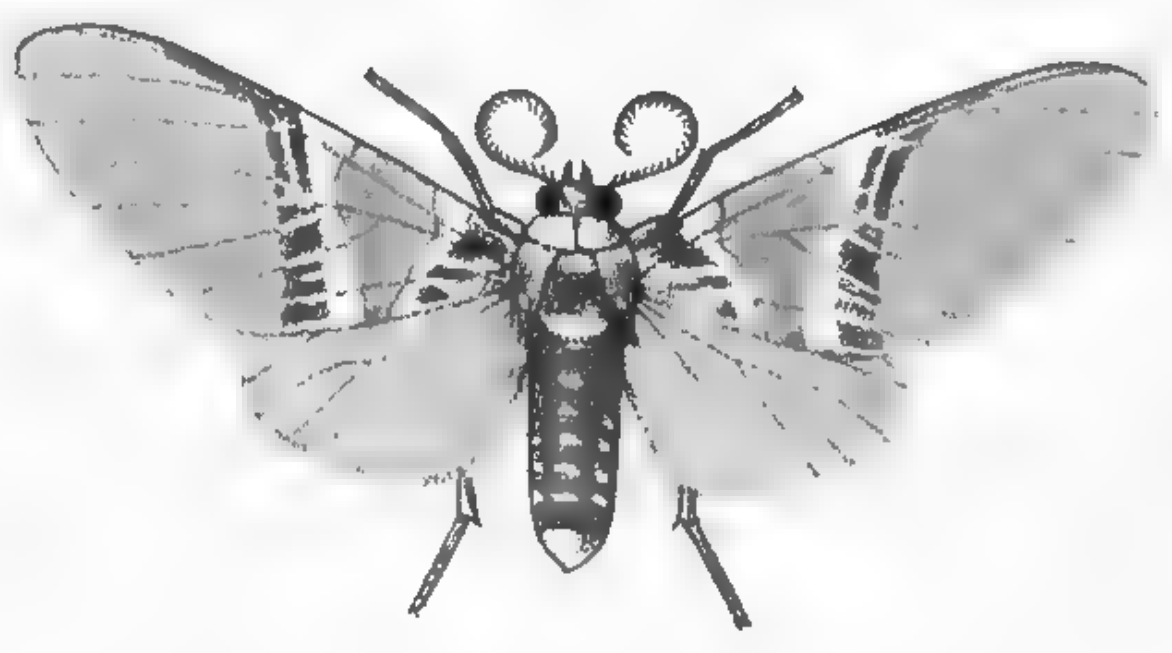
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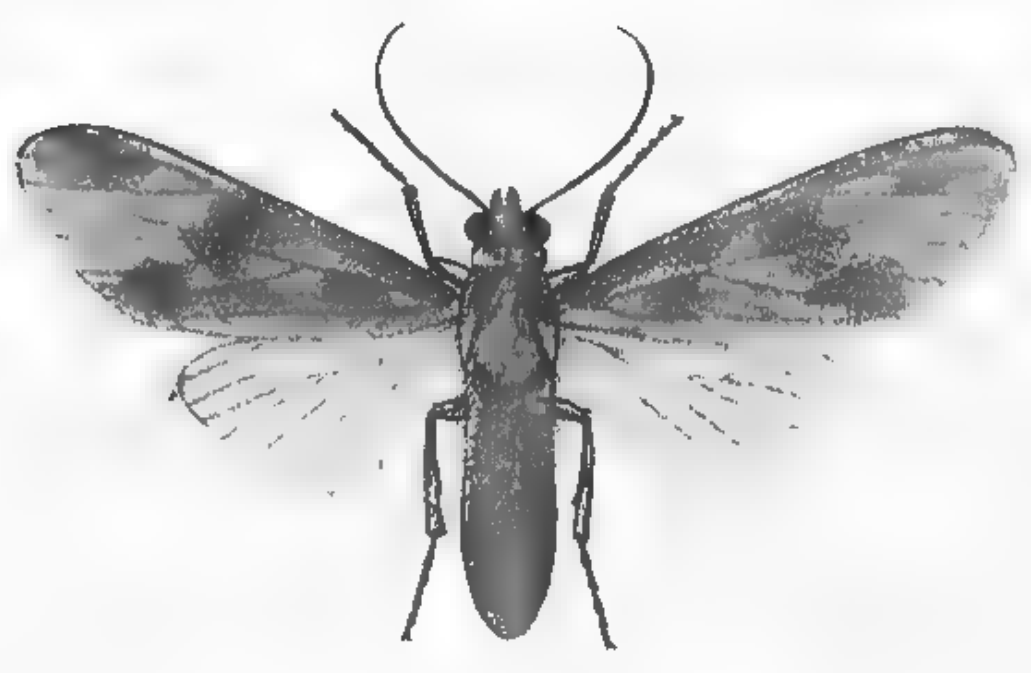
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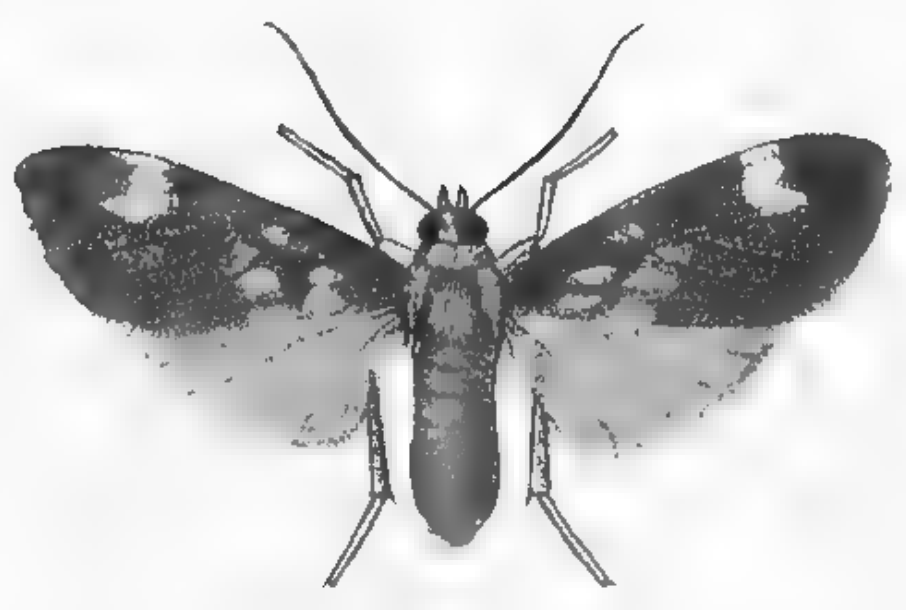
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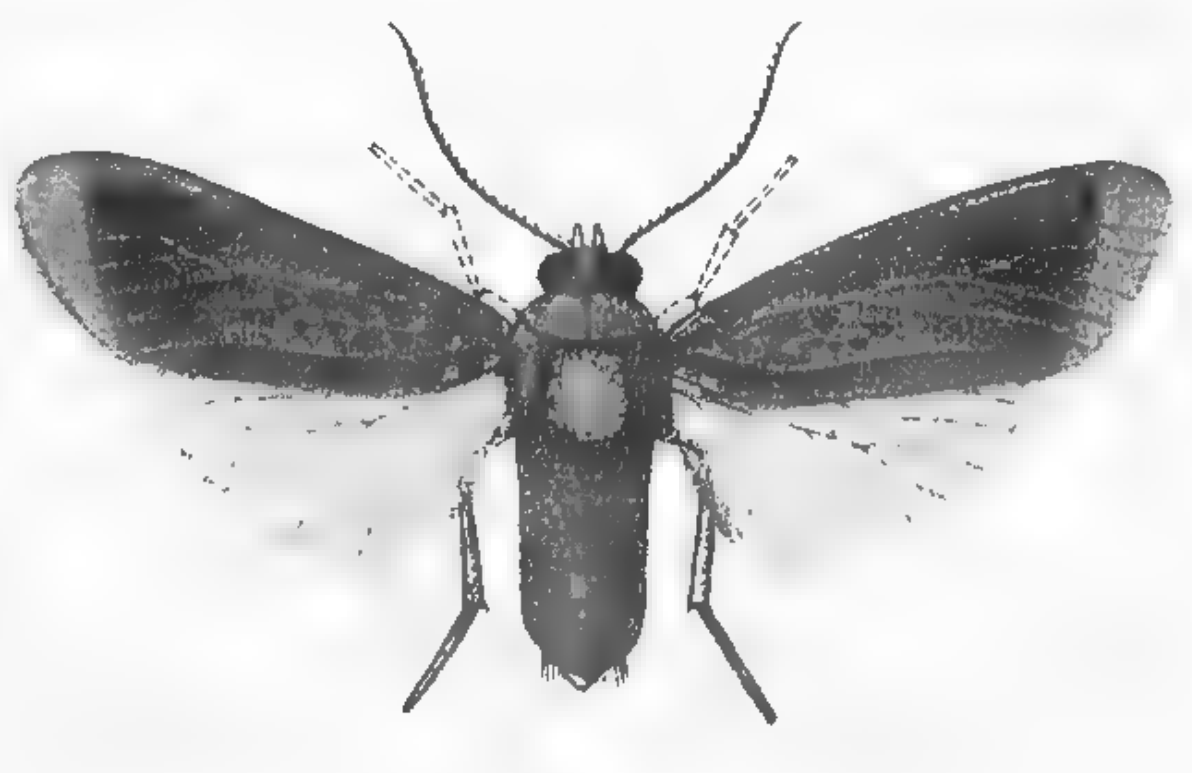
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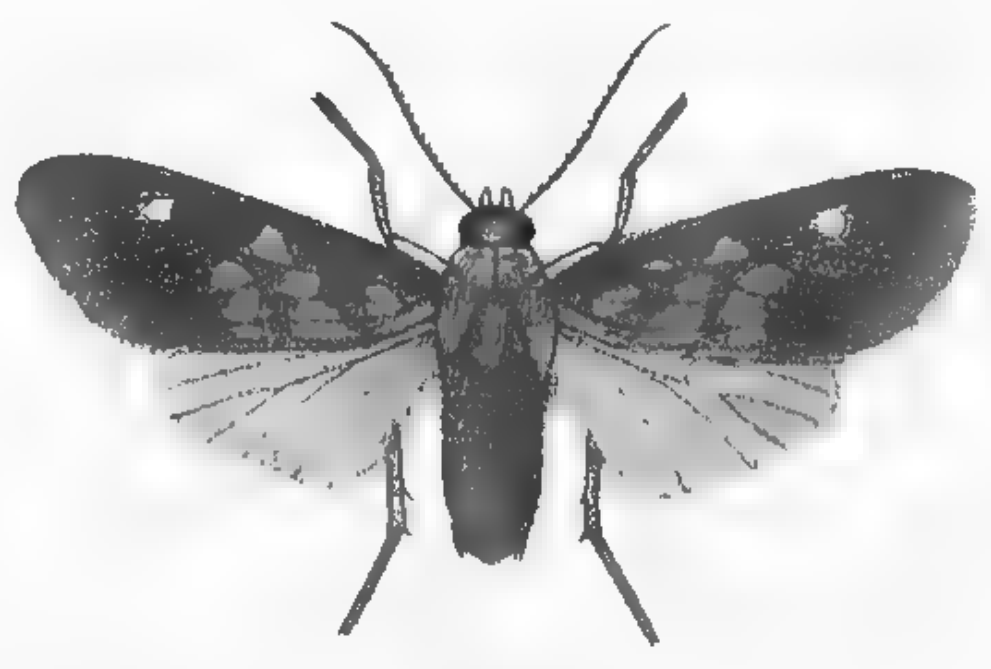
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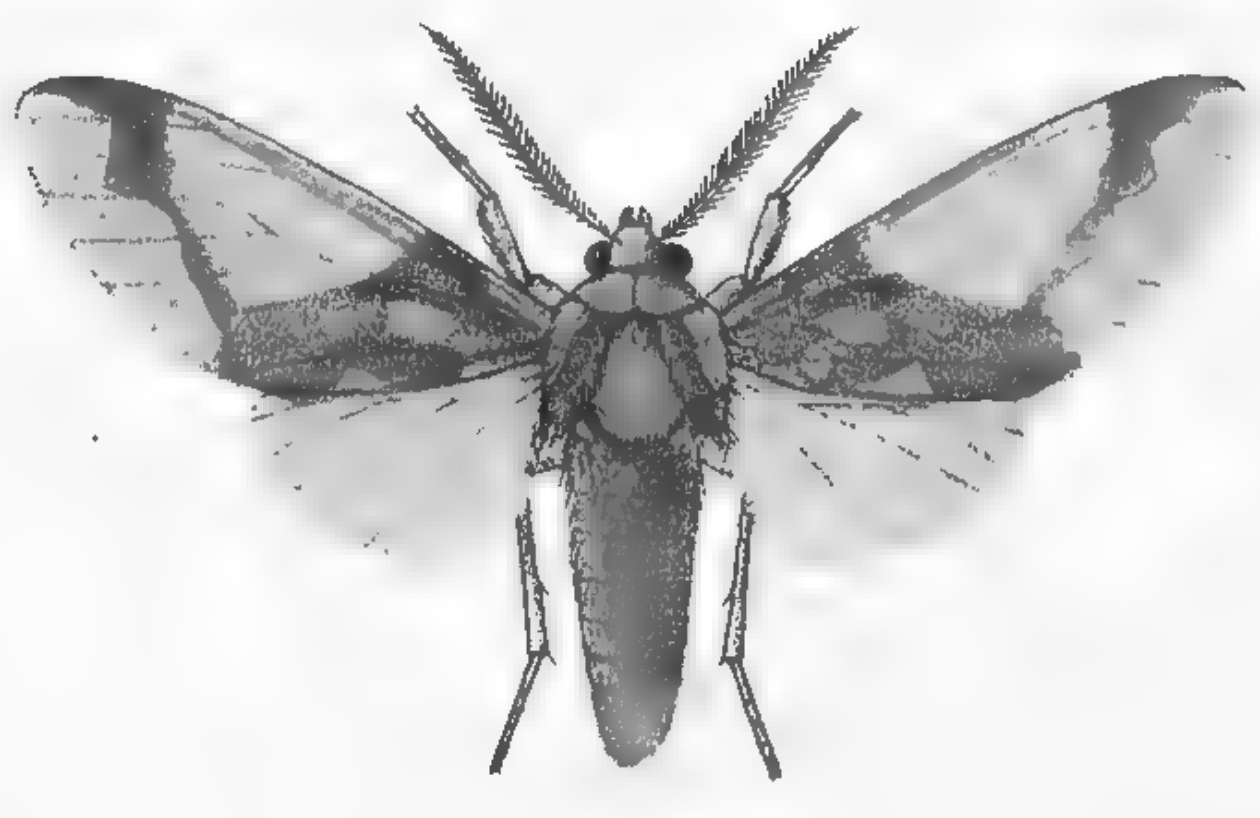
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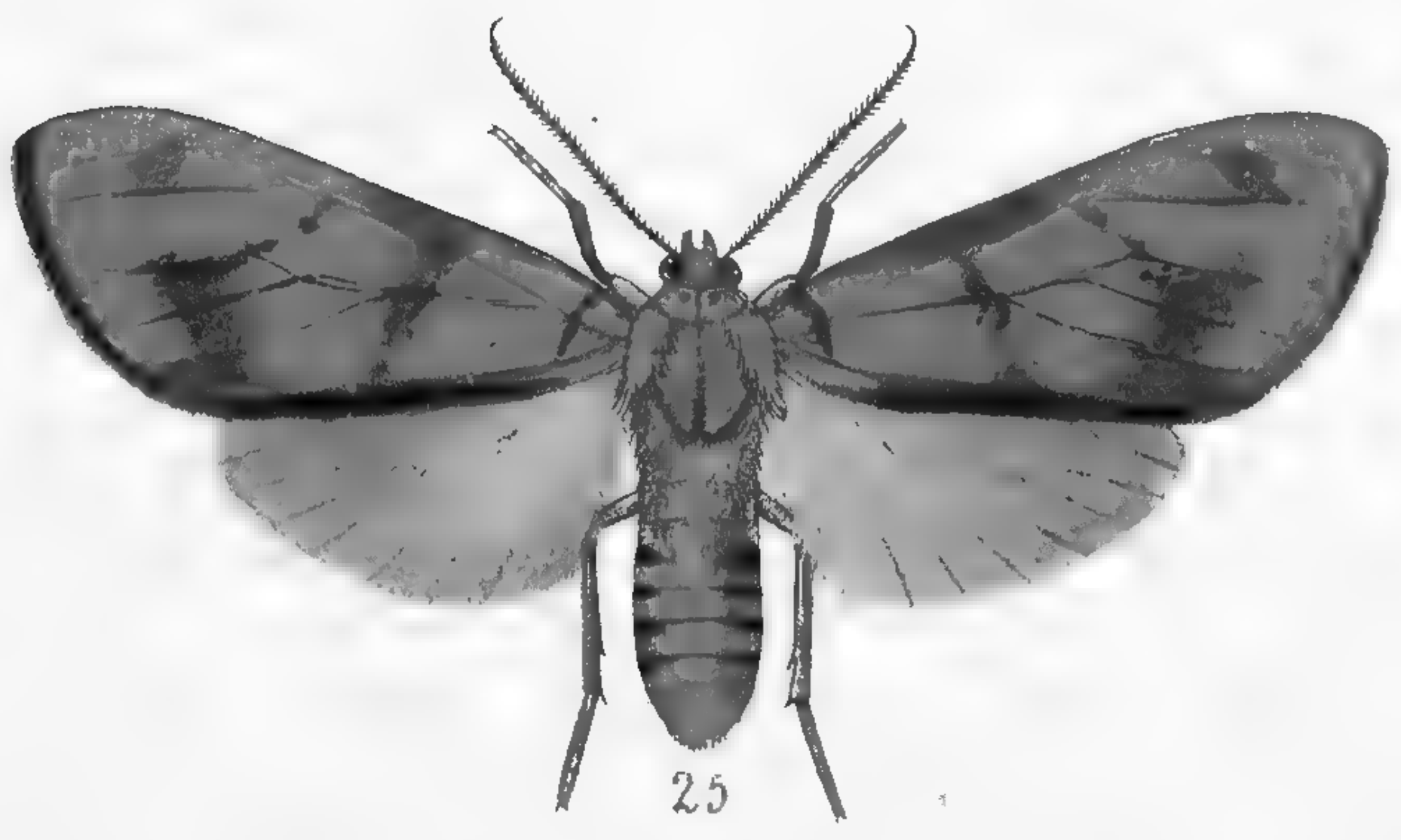
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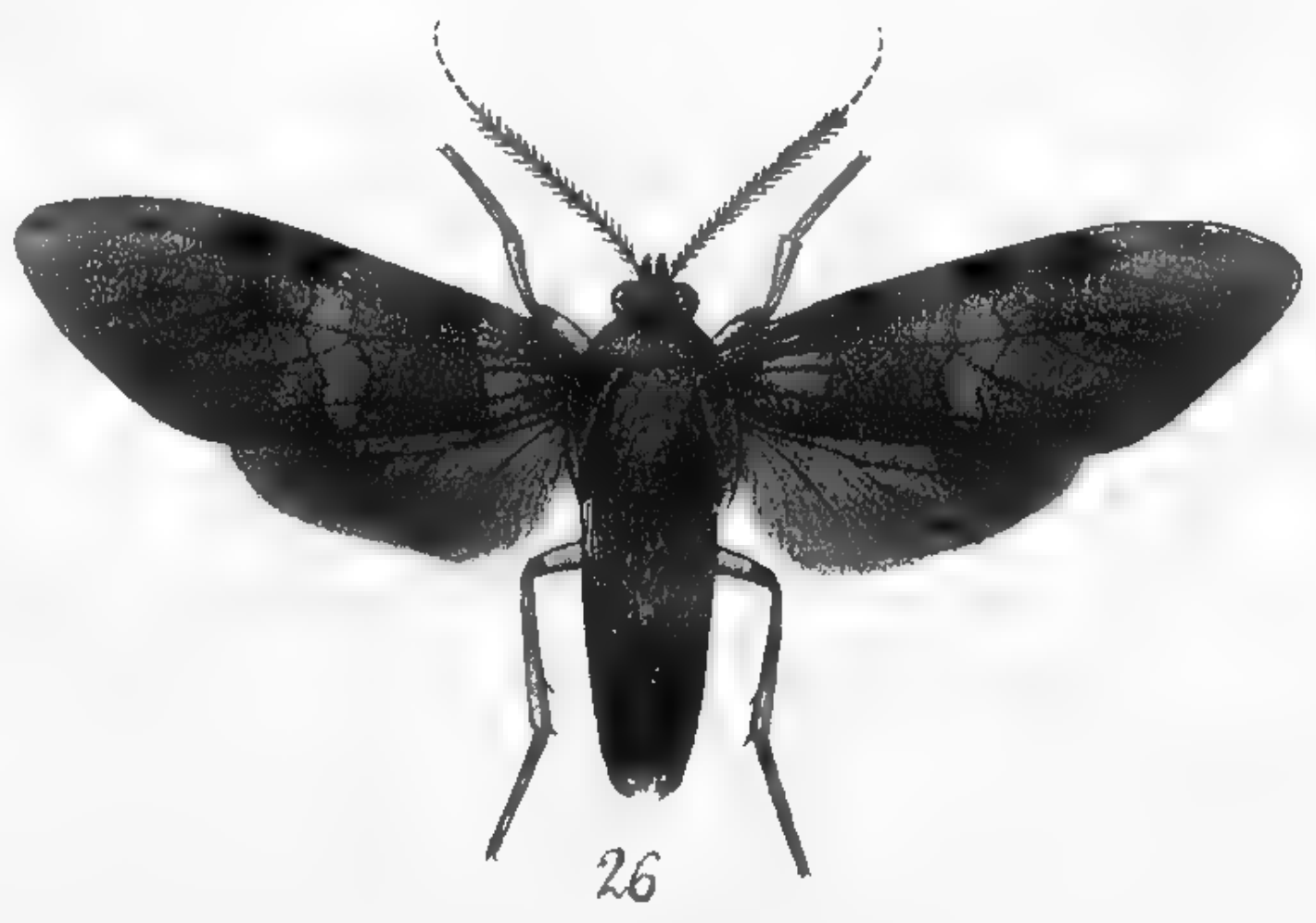
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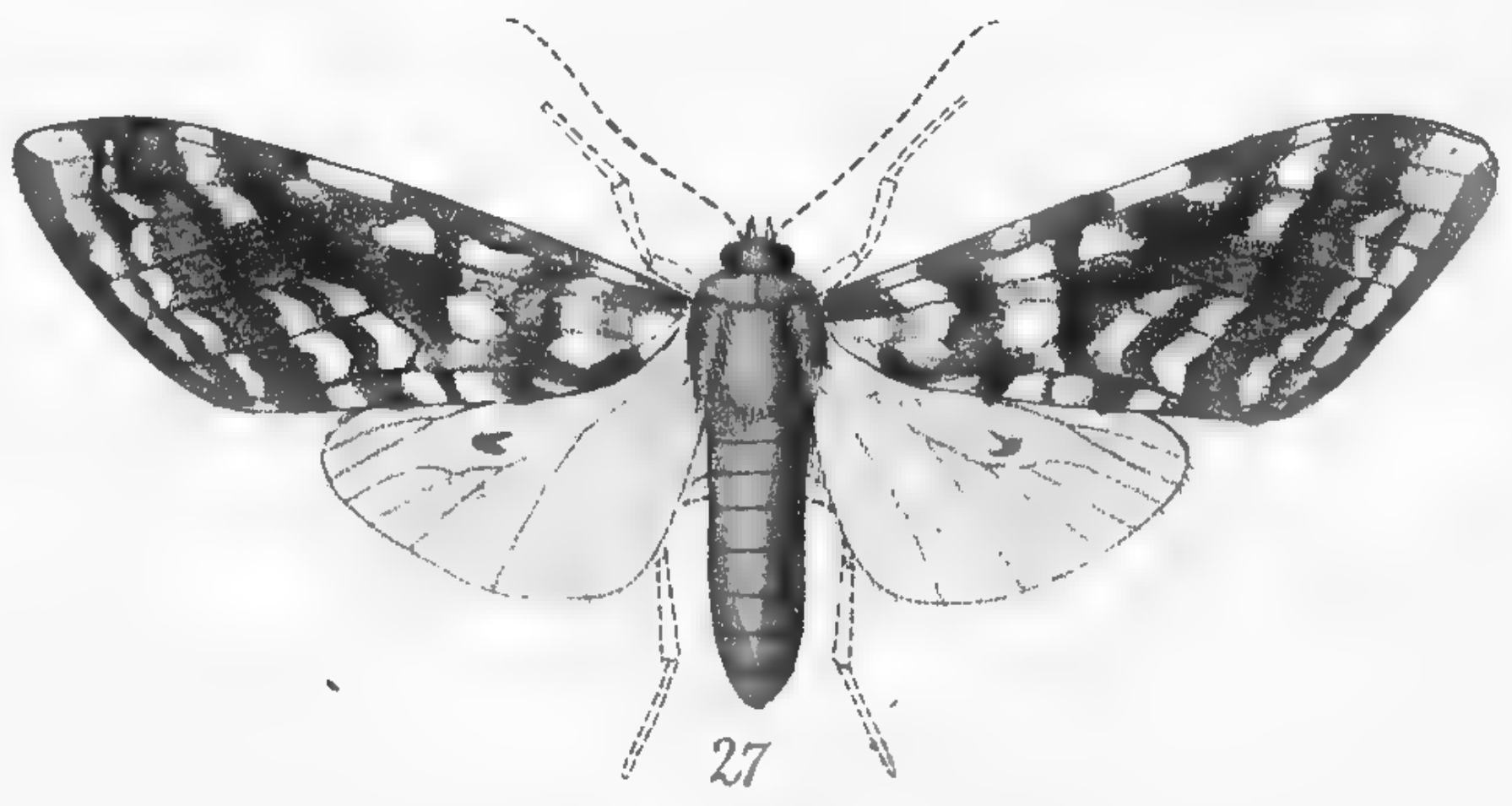
27

1 ISCHNOGNATHA GODMANI.
2 SUTONOCREA TRIPUNCTATA.
3 PIONIA UNDULATA.
4 „ AFFINIS.
5 „ STRIATA.
6 „ ELEGANS.
7 EPANYCLES GIGANTEA.
8 PHILOROS RUFICEPS.
9 THEAGES LEUCOPHÆA.
10 EUCEREON MYRINA.
11 „ LUTETIA.
12 „ TRIPUNCTATUM.
13 „ MAIA.
14 „ LERIA.
15 „ ROGERSI.
16 GIPPIUS SUMPTUOSUS.
17 EVIUS LINEATUS.
18 IDALUS CRINIS.
19 IDALUS CRITHEIS.
20 NERITOS LAODAMIA.
21 „ ASANA.
22 „ CHOZEBA.
23 „ AMASTRIS.
24 MAZÆRAS IPSEA.
25 ELYSIUS CONSPERSUS.
26 HALISIDOTA ATRA.
27 „ ALBIGUTTATA.

W. Purkiss lith.
Hanhart imp.
371.

Blue Cyan Green Yellow Red Magenta White 3/Color Black
KODAK Color Control Patches © The Tiffen Company, 2000 Kodak LICENSED PRODUCT
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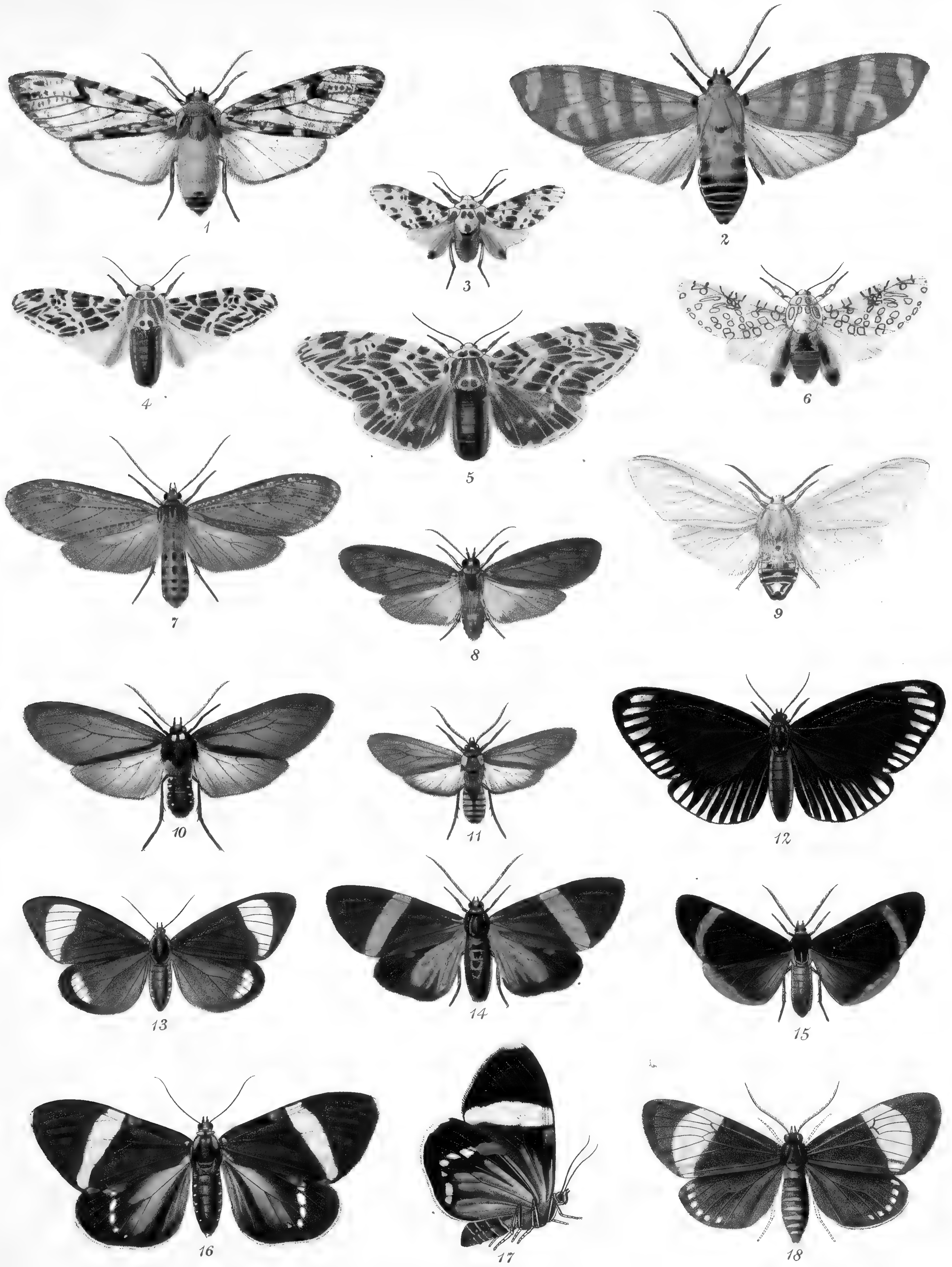

1 PHÆGOPTERA MANSUETA.
2 " SUPERBA.
3 ECPANTHERIA TREBULA.
4♂, 5♀. " COTYORA.
6 " DECORA.

7 CARALES OBSCURATA.
8 OPHARUS RUFICOLLIS.
9 PHÆGOPTERA ALBA.
10 OPHARUS MUNDATOR.
11 " ALBIPUNCTATUS.
12 ESTHEMA EUPLŒOIDES.

13 EUCYANE NINONIA.
14 " ARCÆI.
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18 " ANACHARSIS.

W. Purkiss lith.

Hanhart imp.
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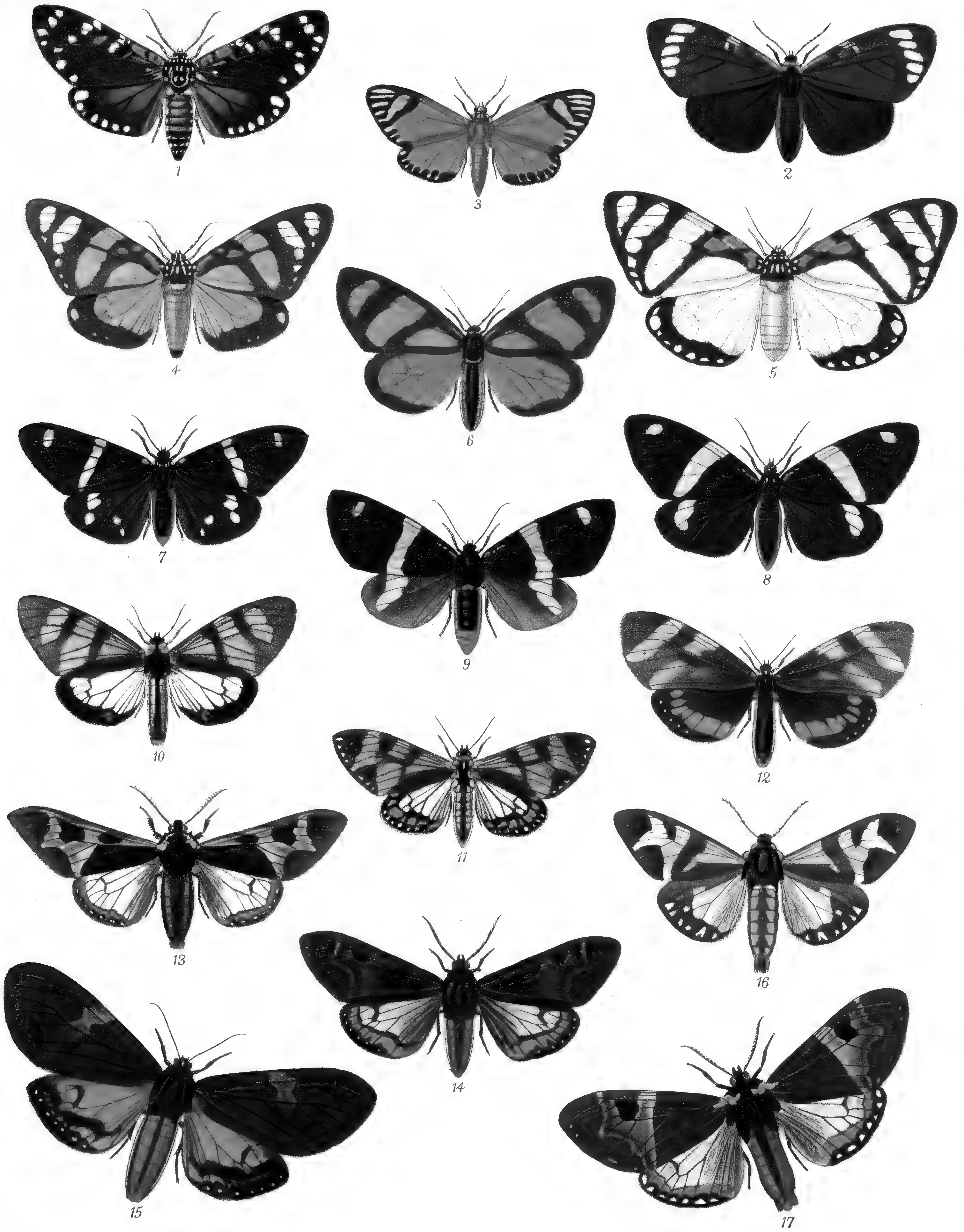


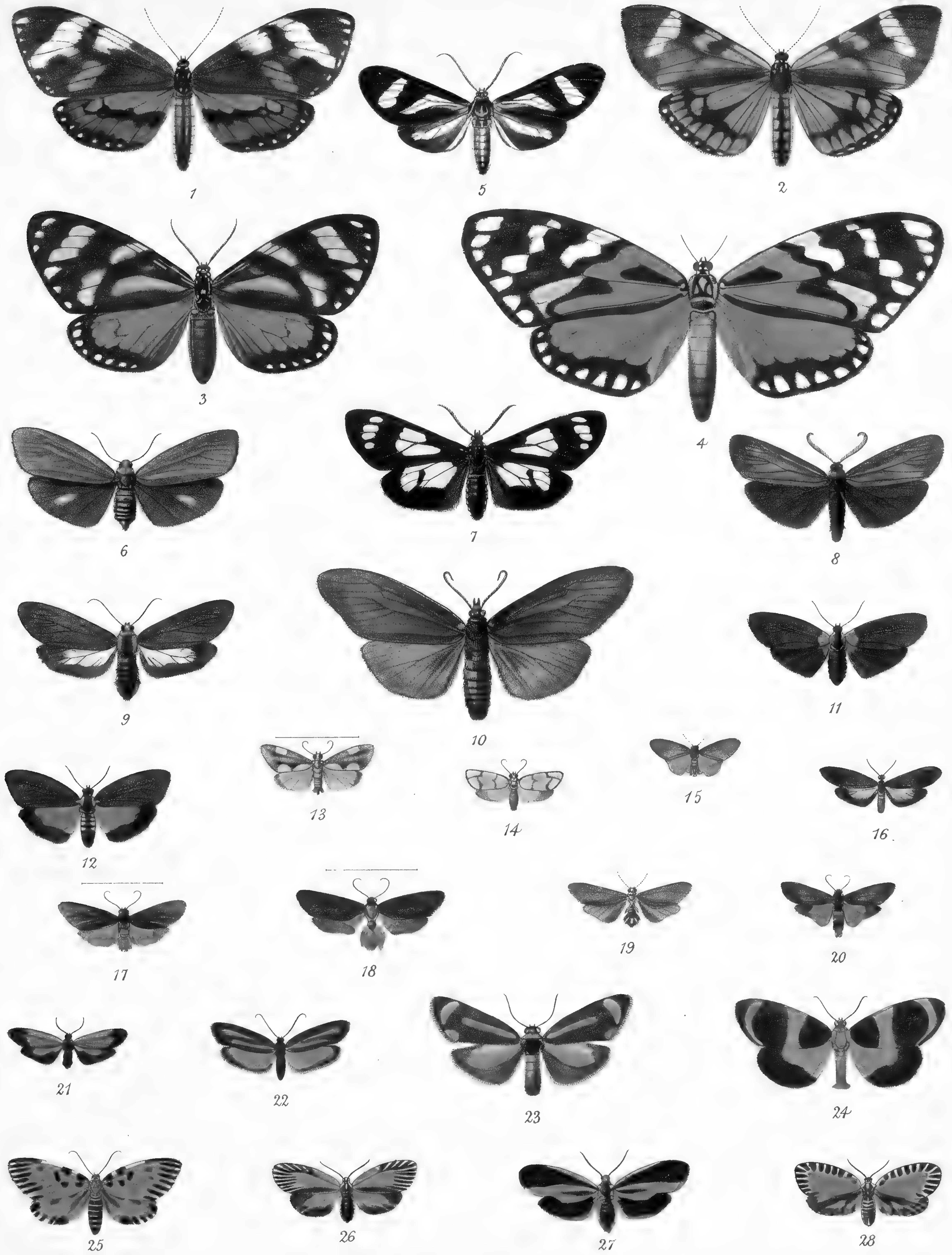
1 COMPOSIA OLYMPIA.
2♀ PHALOESIA SAUCIA.
3 ACRIBIA MACULIFRONS
4♂,5♀ PHALOË GAUMERI.
6 " CEREALIA.

7♂ PHALOË VERANIA.
8♀ " HELOTES.
9♀ " TRÖTSCHI.
10♂ PERICOPIS JANSONI.

11♂,12♀ PERICOPIS CERIALIS.
13♂ " LEDA.
14♂,15♀ " TIBESIS.
16 " AREMA.
17♂ " LYGDAMIS.

W. Purkiss lith.

Hanhart imp.
372



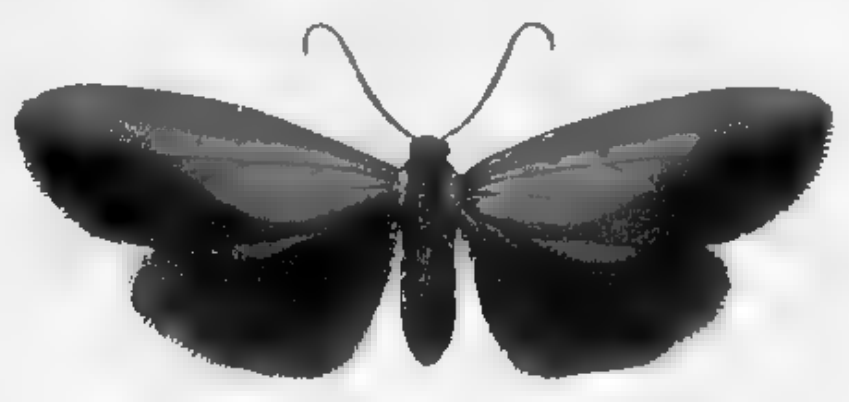
1 PERICOPIS DAPHNE.
2 " UMBRA.
3 " SALVINI.
4 " FELDERI.
5 ISOSTOLA SUPERBA.
6 APISTOSIA METELLA.
7 GONOPHÆLA MORRISONI.
8 APISTOSIA SYLLA.
9 " ENNA.

10 CHRYSOCALE MAGNIFICA.
11 TUNIA CINGULATA.
12 " SANGALA.
13 CISTHENE POLYZONA.
14 " CITRINA.
15 ODOZANA HIPPONA.
16 CISTHENE CRITON.
17 ODOZANA HERCYNA.
18 " FLOCCOSA.
19 " ELIS.

20 ODOZANA CORDATULA.
21 TALARA PELOPIA.
22 PSEUDOTALARA CHRYSIPPA.
23 BRYCEA DISJUNCTA.
24 RUSCINO LATIFASCIATUS.
25 MESENOCHIA ROGERSI.
26 GINGLA RADIALIS.
27 " JOSIALIS.
28 " TORTRICALIS.

W. Purkiss lith.

Hanhart imp
398.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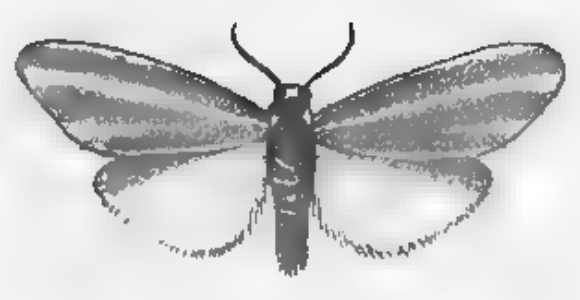
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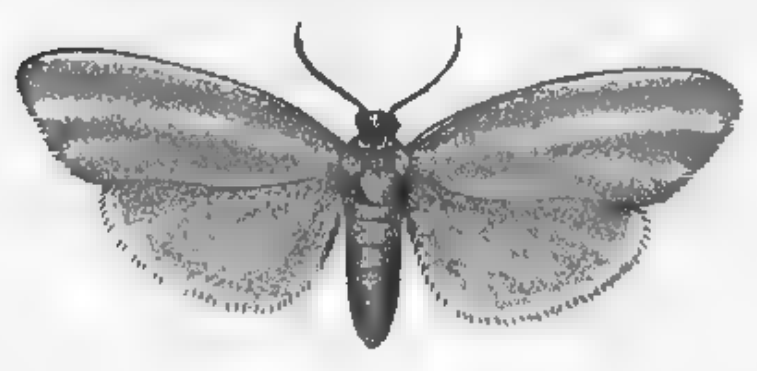
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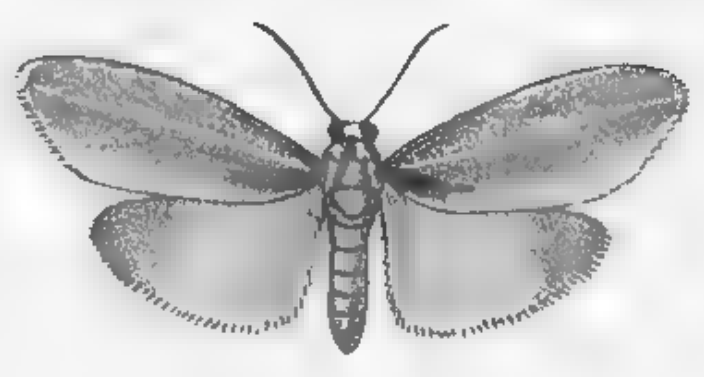
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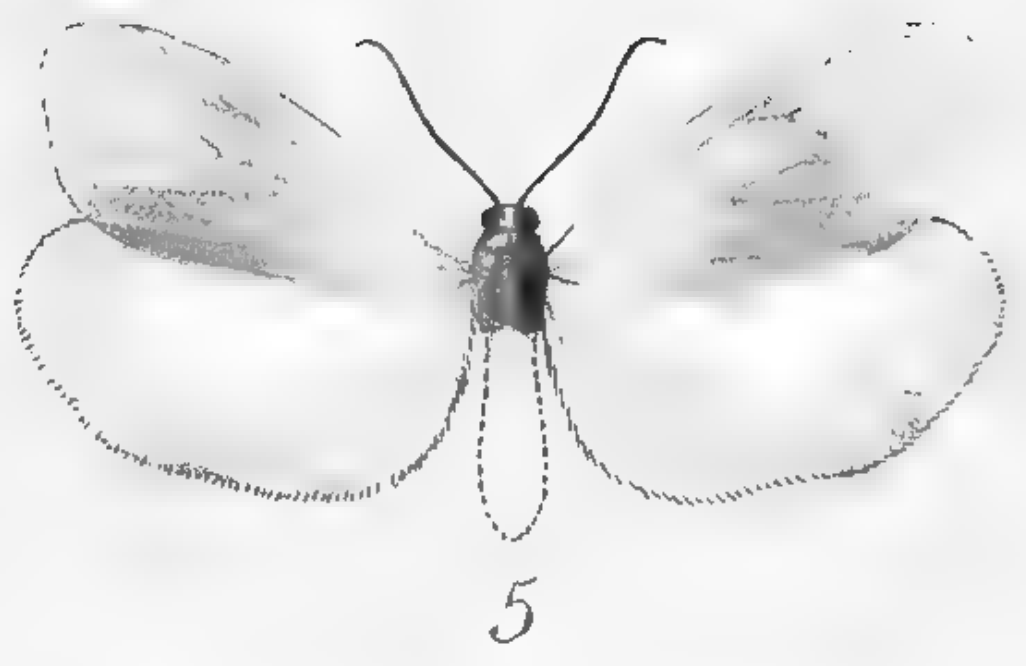
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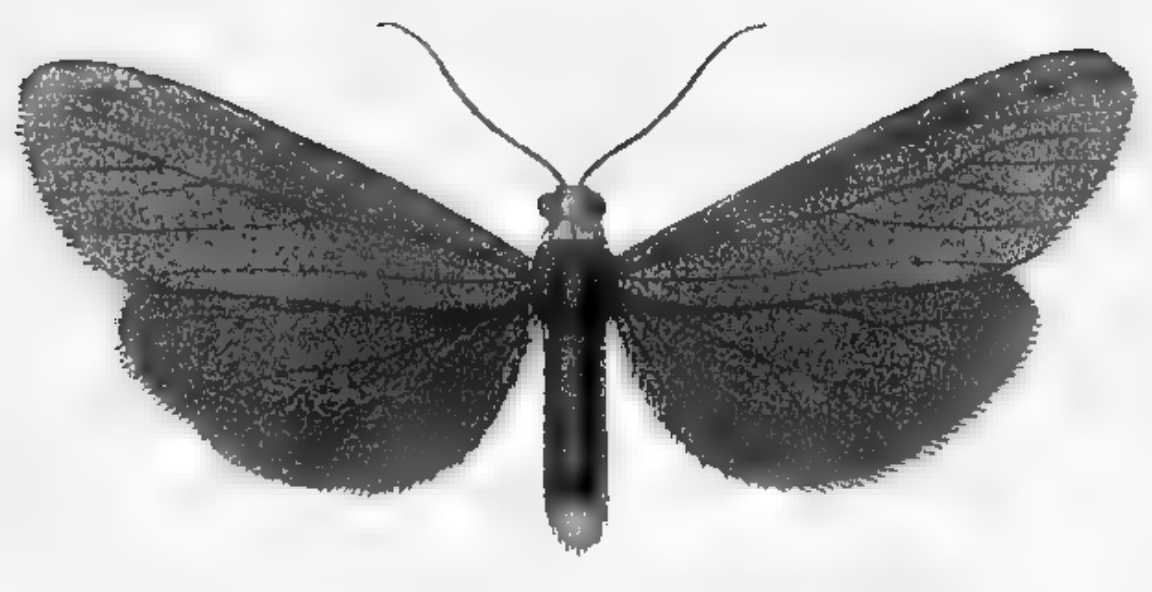
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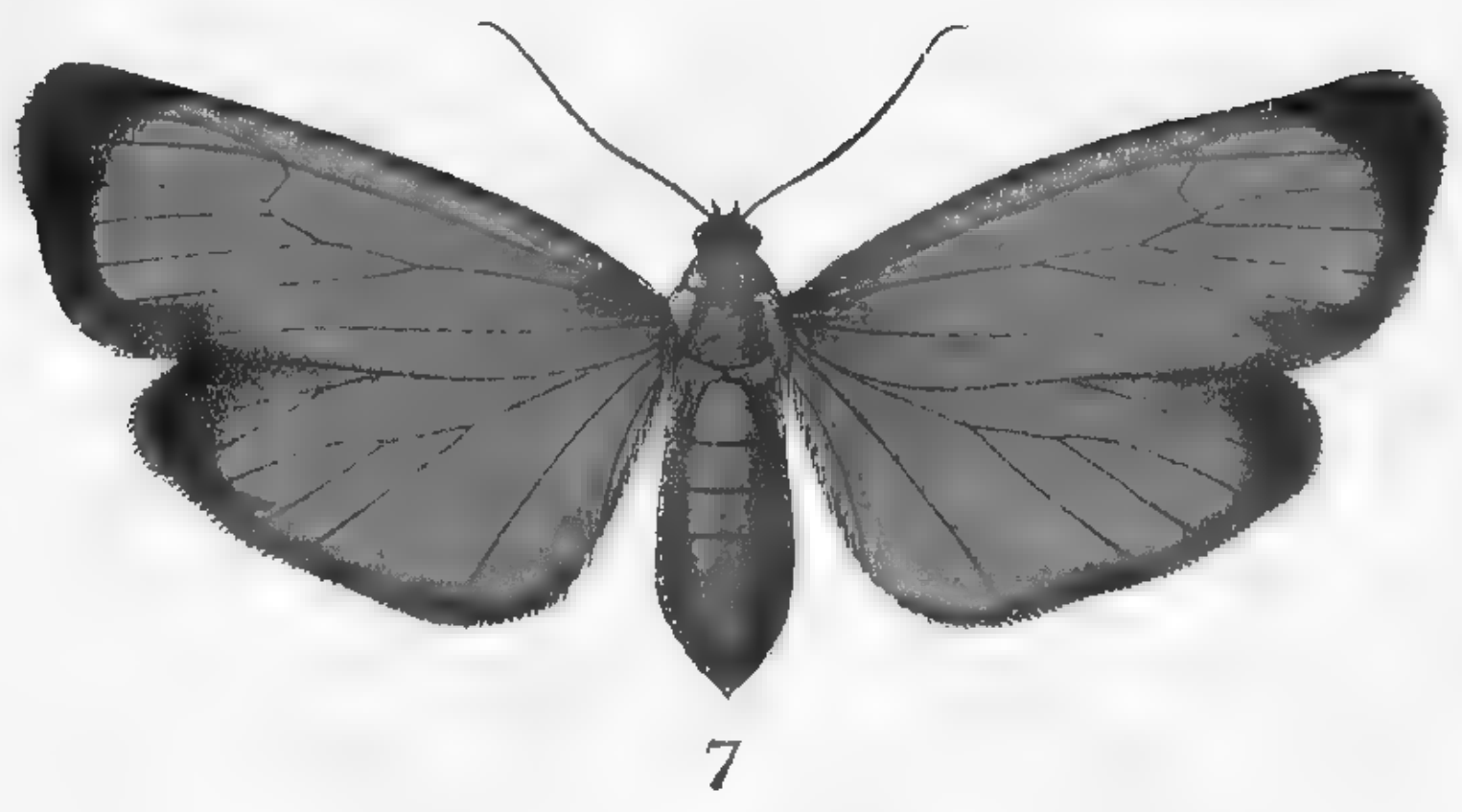
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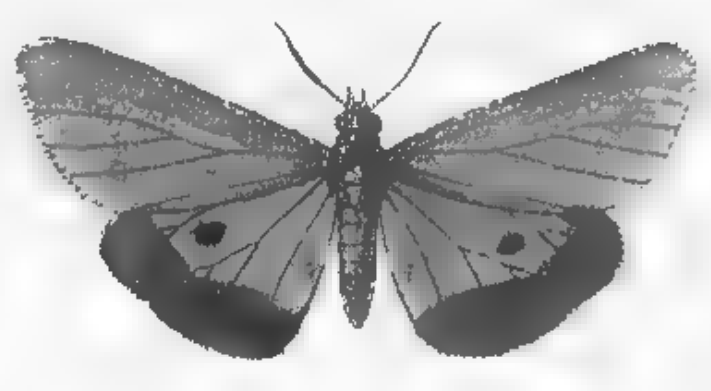
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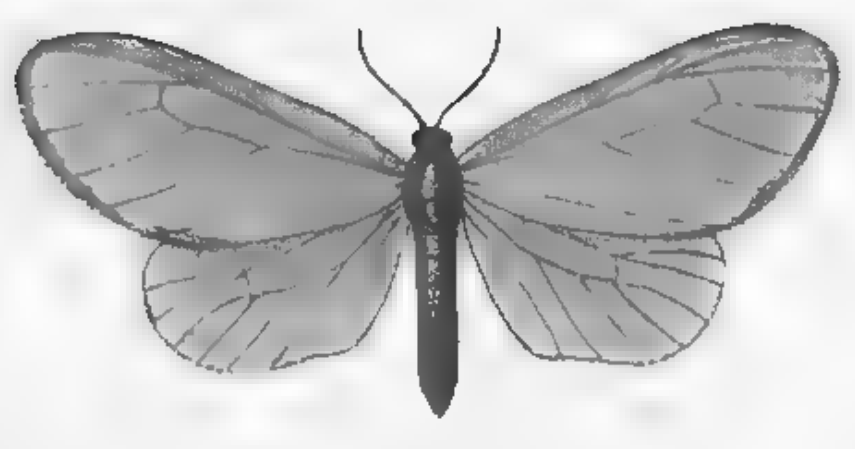
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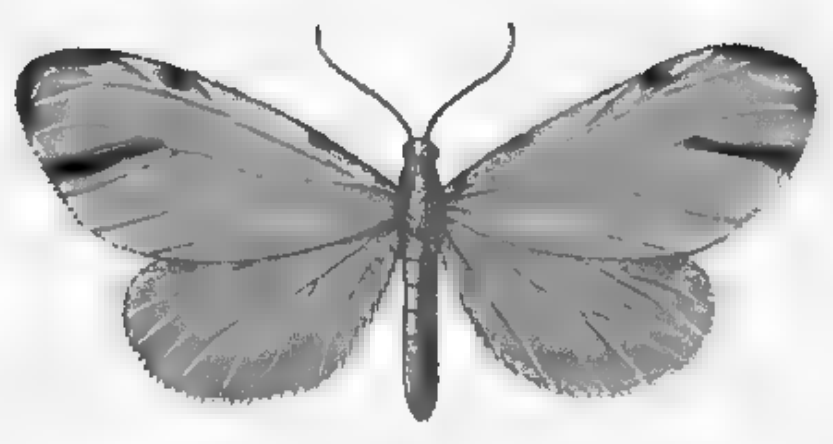
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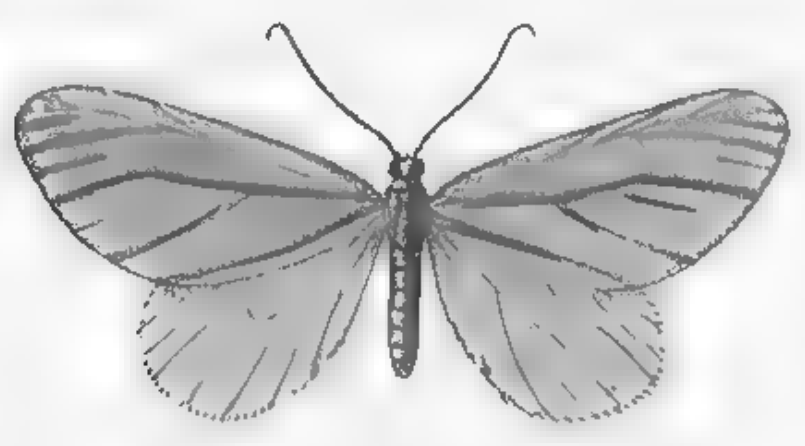
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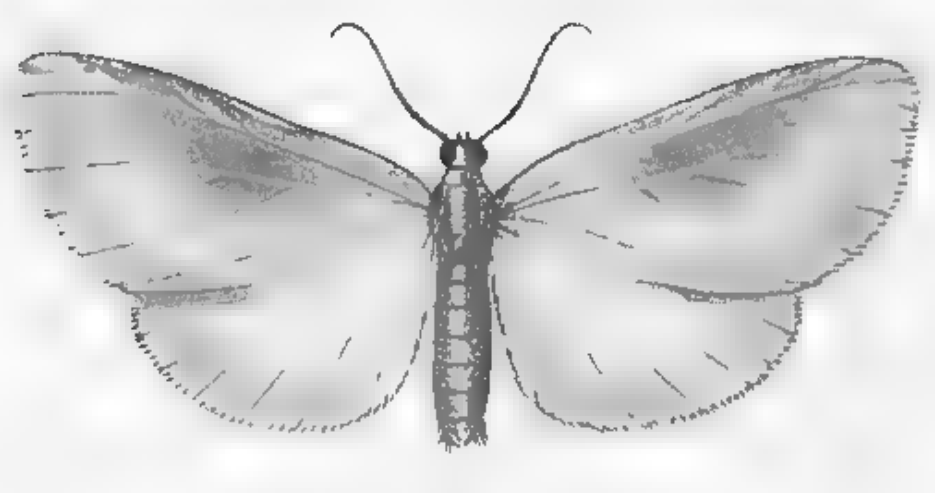
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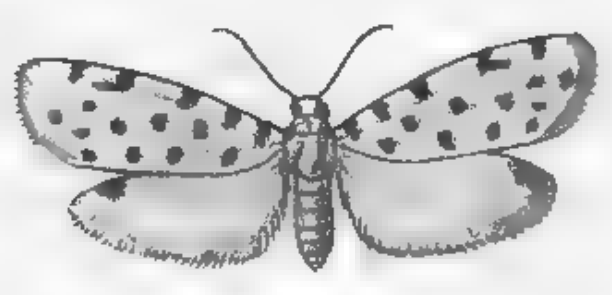
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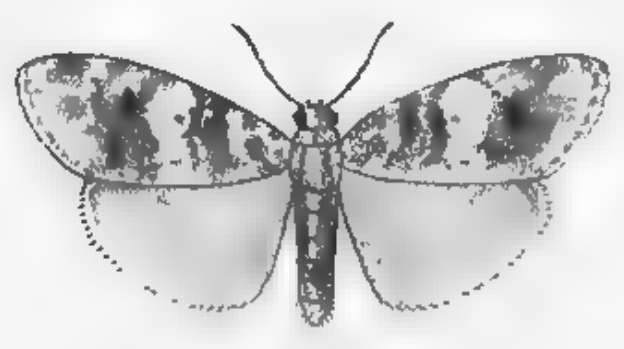
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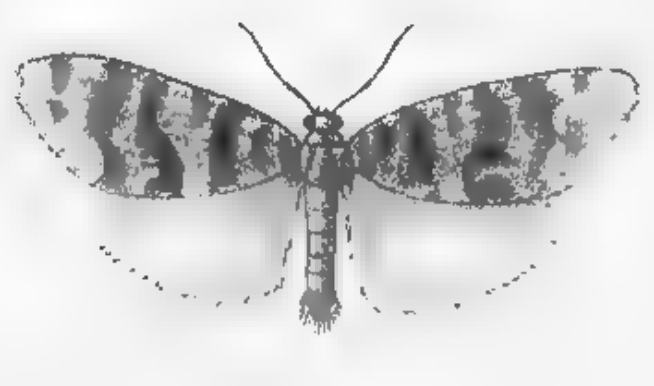
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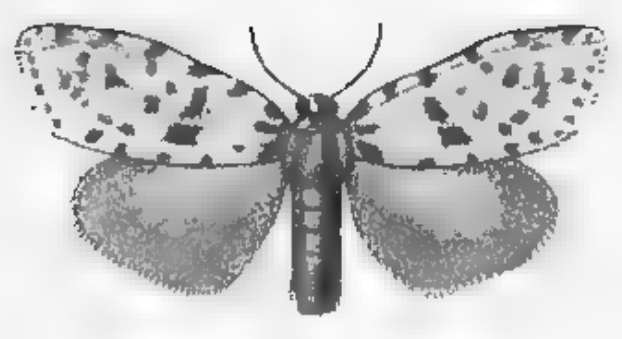
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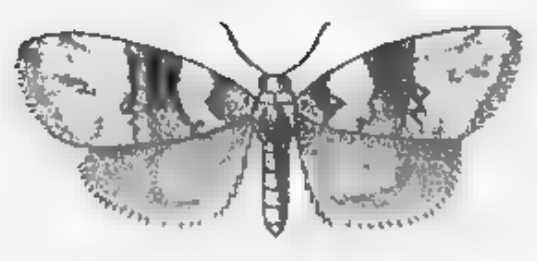
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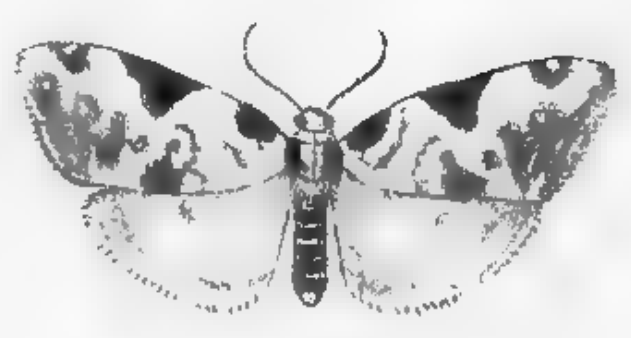
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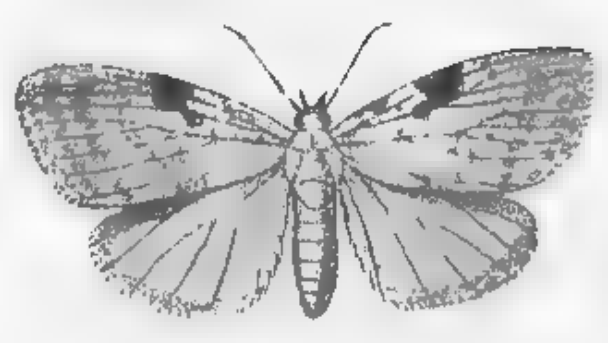
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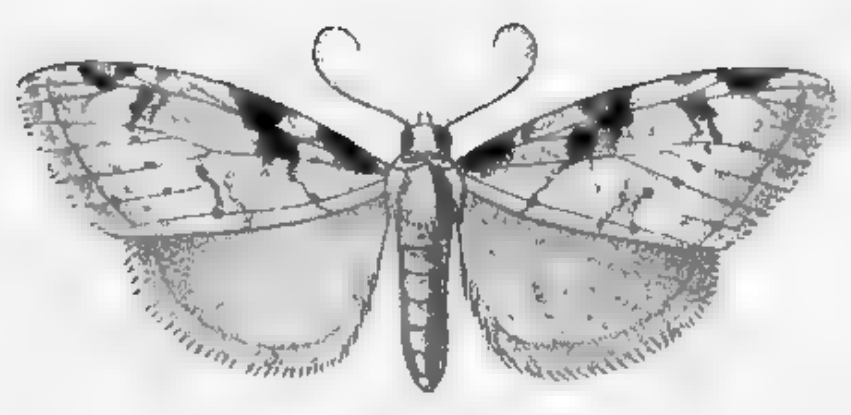
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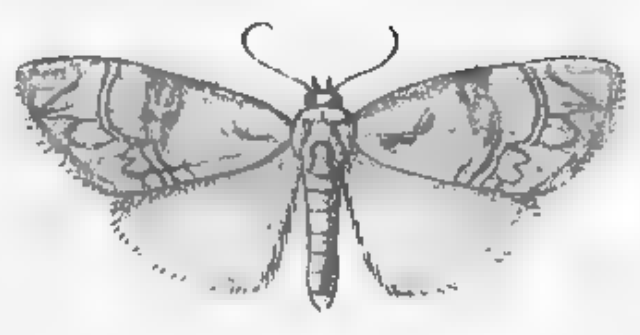
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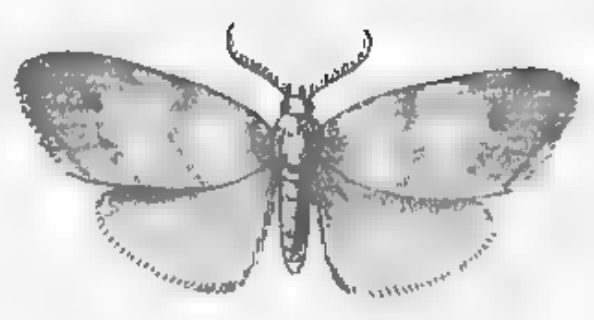
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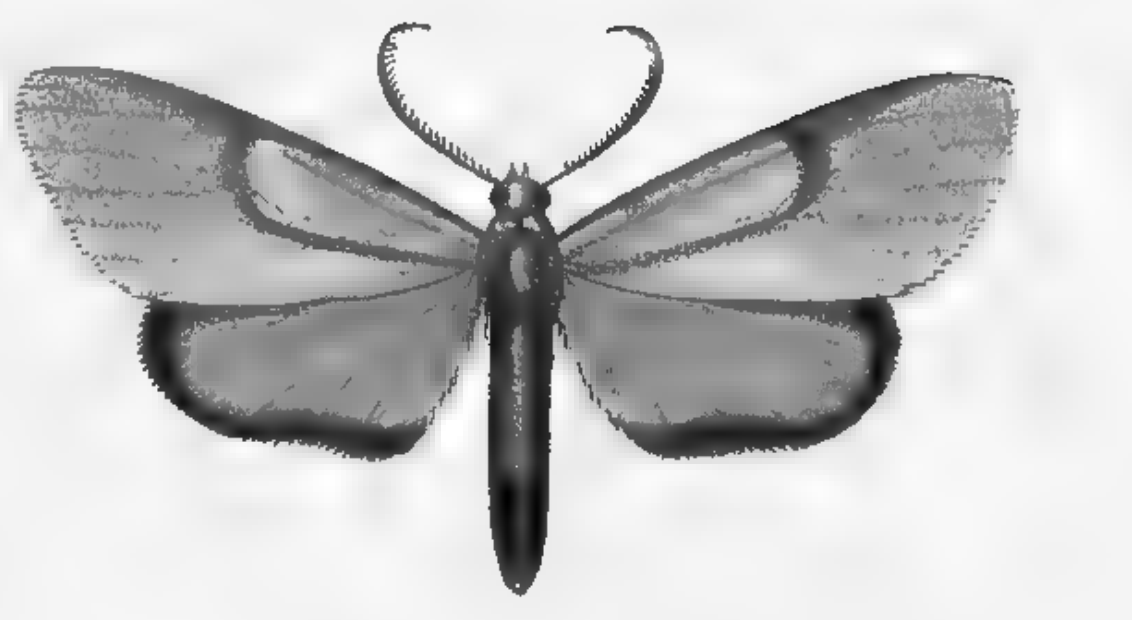
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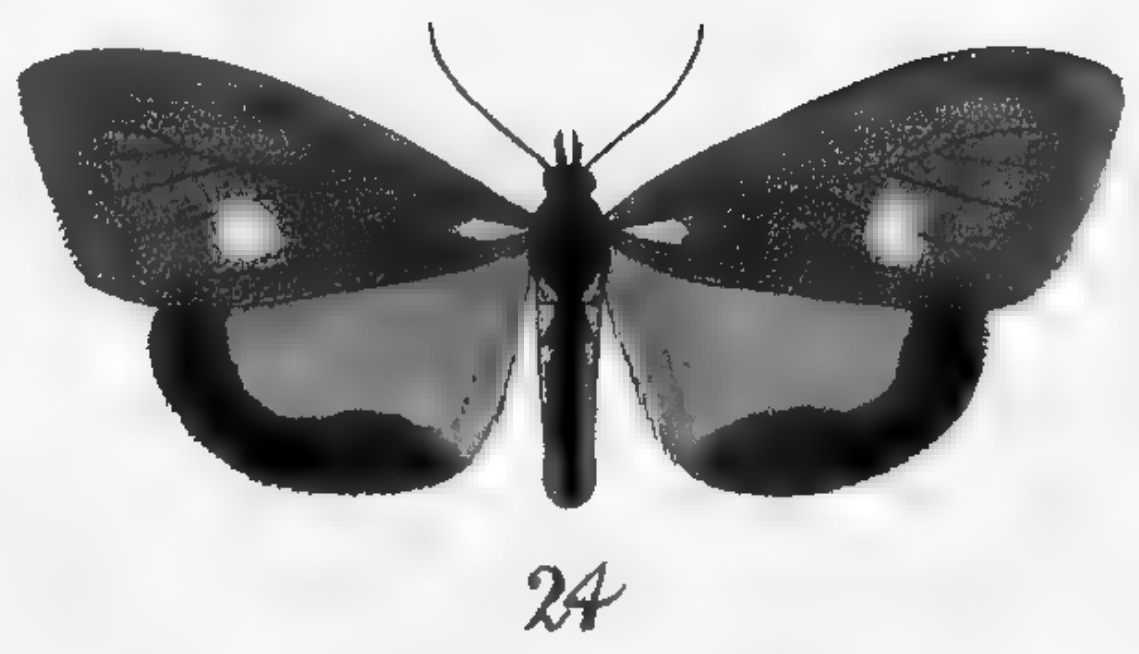
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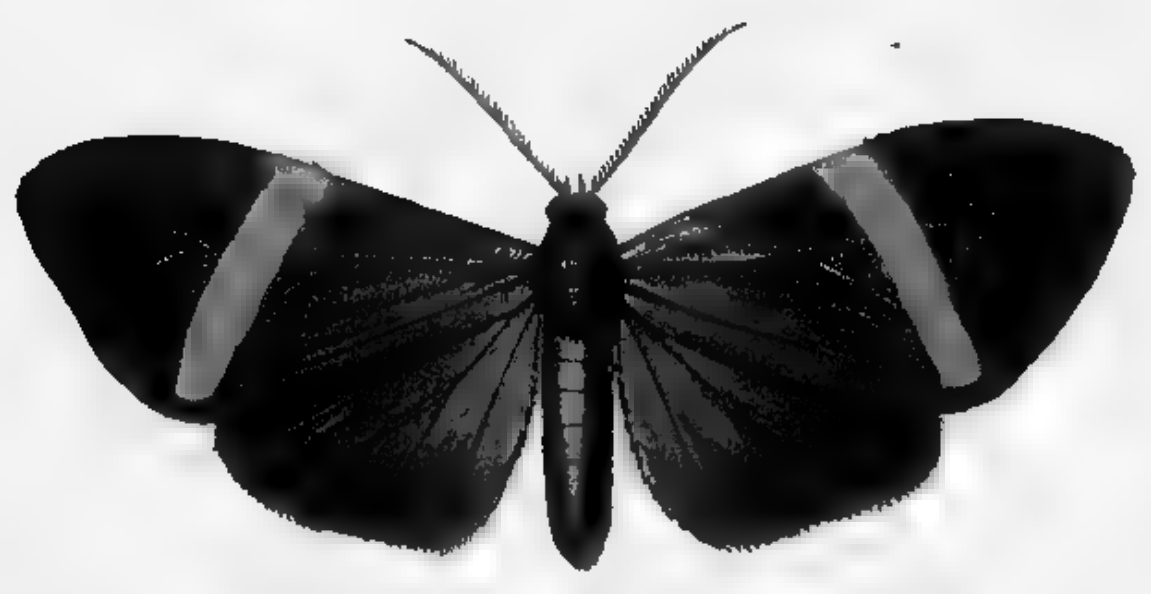
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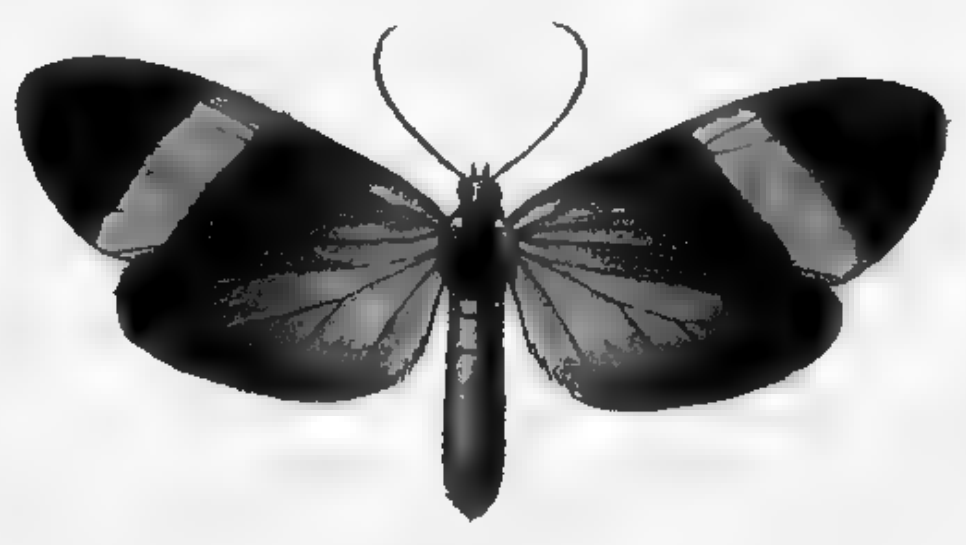
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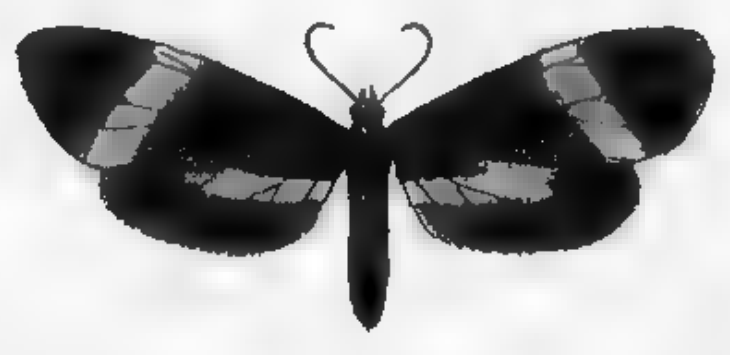
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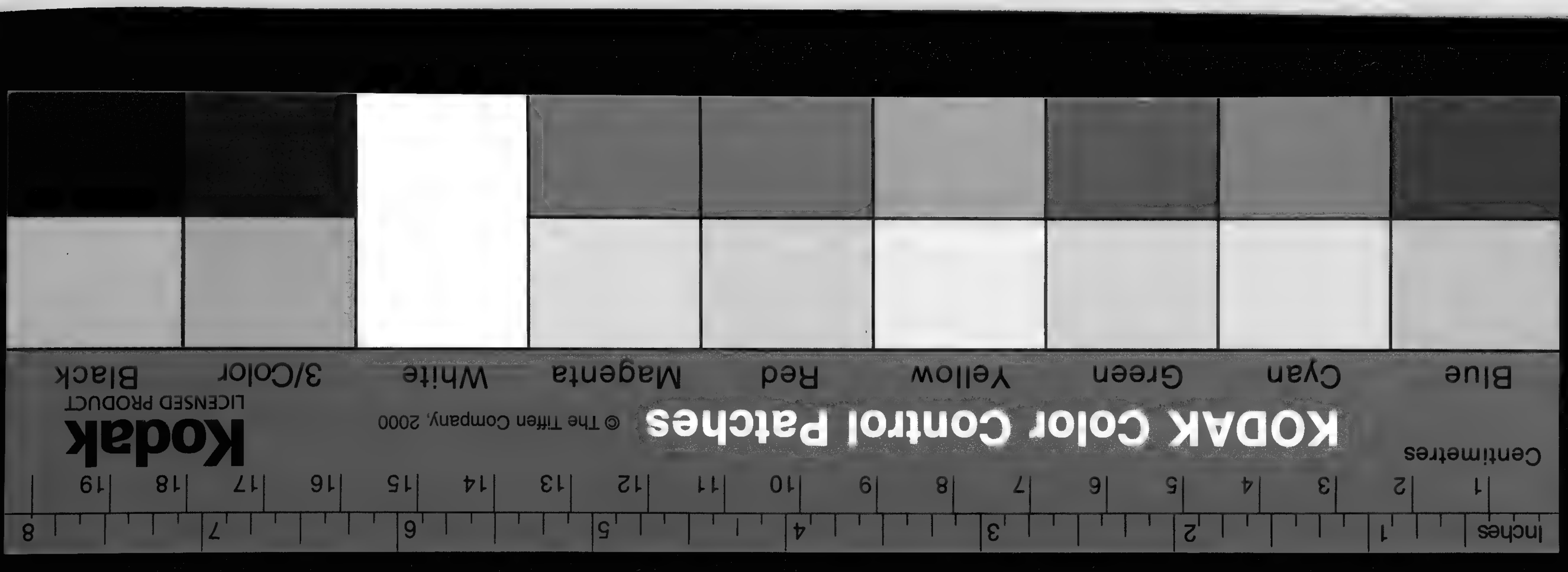
1 PTYCHOGLENE XYLOPHILA.
2♂, 3♀ LITHOSIA MEXICANA.
4♂ " LAUDAMIA.
5 AREVA LEPTALINA.
6 ATOLMIS FLAVICOLLIS.
7 EURYLOMIA OCHREATA.
8 EUBAPHE MARGINATA.
9 EUDULE CONFORMIS.
10 " TRIPUNCTATA.

W Purkiss lith.

11 EUDULE LINEATA.
12 LEPIDULE MEDEA.
13 MELANIA PHELINA.
14 NOLA PATELLA.
15 " PHILODINA.
16 " OPHRYDINA.
17 " MINUTA.
18 " MELICERTA.

19 NOLA PATINA.
20 ÆMENE PLUMATELLA.
21 NOLA TERULOSA.
22 " VULGARIS.
23 ORICIA TRUNCATA.
24 VIRBIA THERSITES.
25 SAGARIS HORÆ.
26 EPHIALTIAS ILAIRE.
27 " ARIACA.

Hanhart imp
402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KODAK Color Control Patches
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Kodak
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Centimetres
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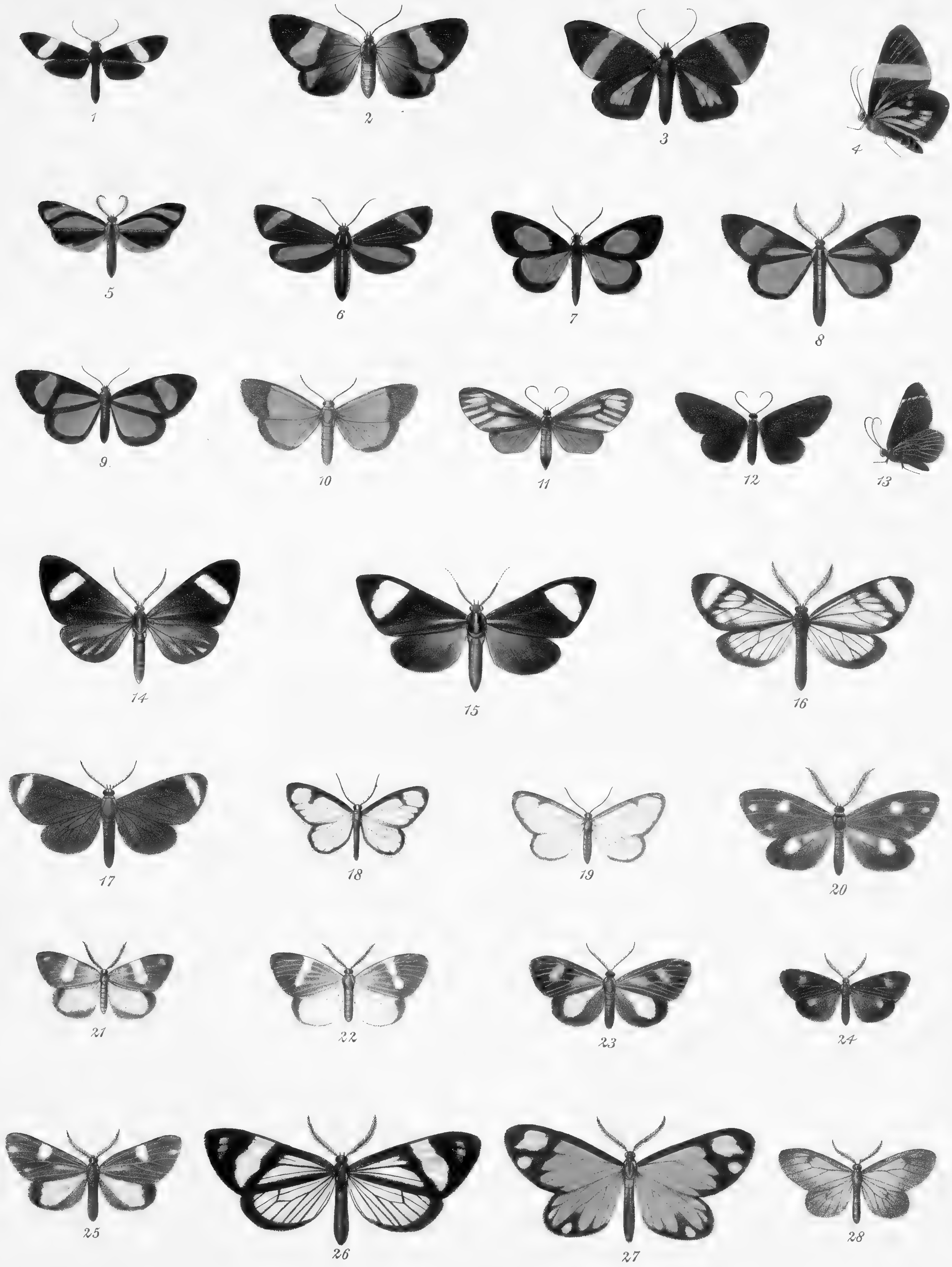
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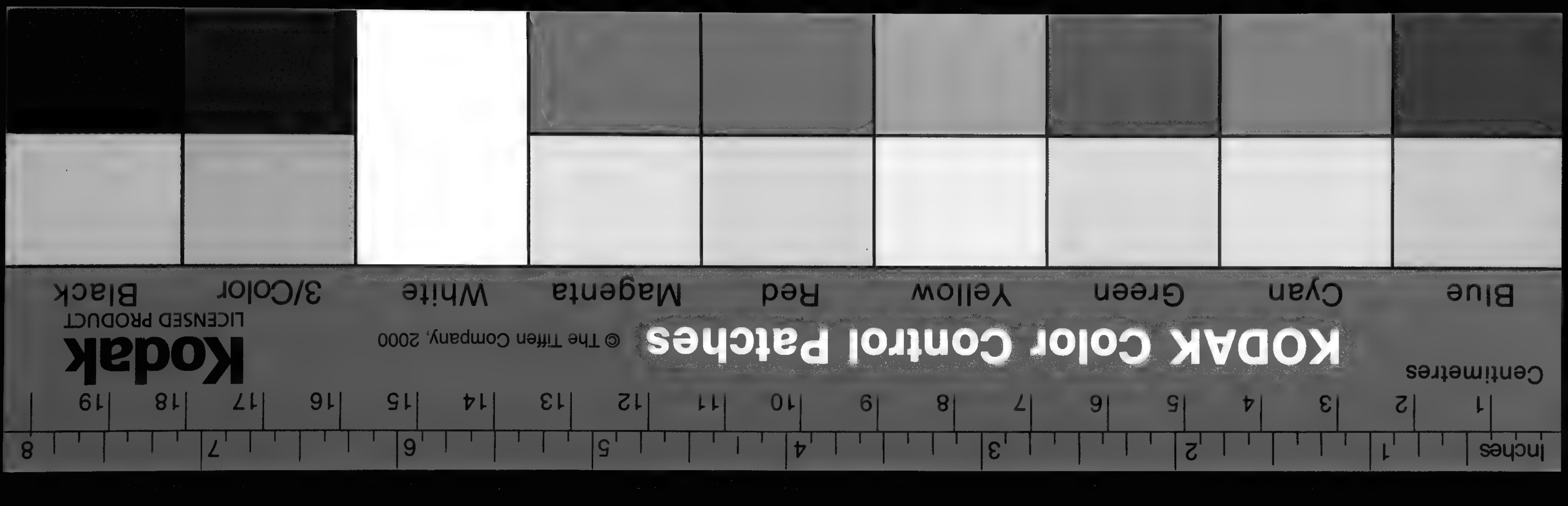
1 EPHIALTIAS ENOIDES.
2 DARNA SPLENDENS.
3,4 HAGNAGORA CATAGRAMMINA.
5 JOSIA DECORATA.
6 ACTEA (?) DRACONIS.
7 NELO CHRYSOMELA.
8 FLAVINIA INTERCEPTA.
9 " VELATA.

10 HIERA GYGE.
11 PSEUDOMENNIS COCCINEA.
12,13 ŒNOTRUS STRIATUS.
14 EVAGRA RIBBEI.
15 " JALIFA.
16 DIOPTIS CANDELARIA.
17 LAURONA CHTHONOPHYLE.
18♂, 19♀ ASTYOCHIA CRANE.
20 TITHRAUSTES HÆMON.

21 POLYPŒTES ERYMAS.
22 " CREON.
23 " ETEARCHUS.
24 " DELDON.
25 TITHRAUSTES DEIPHON.
26 PHANOPTIS VITRINA.
27 STENELE LUTESCENS.
28 ASTYOCHIA FAULA.

W.Purkiss lith.

Hanhart imp.
408.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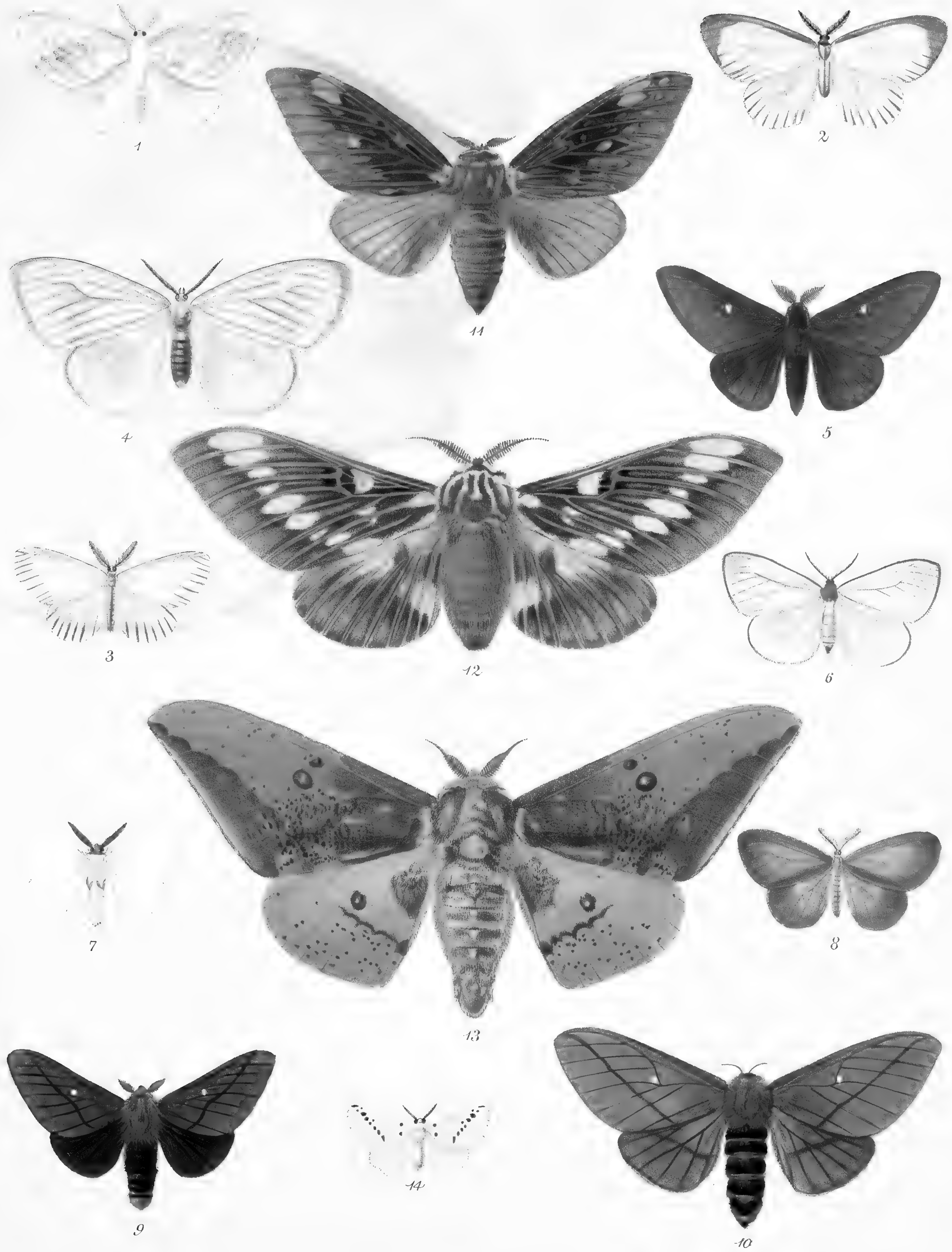
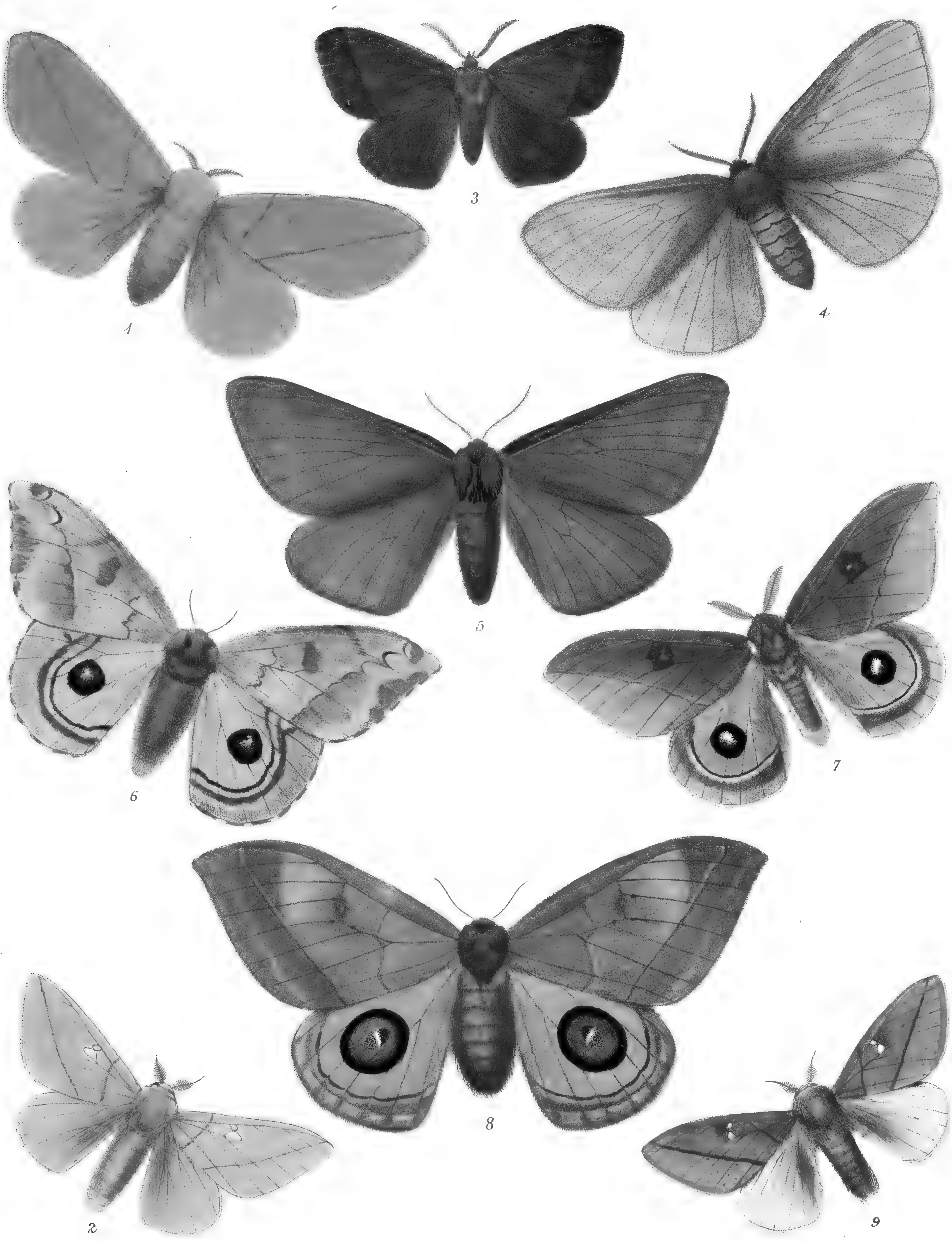
© The Tiffen Company, 2000
Kodak
LICENSED PRODUCT
Centimetres
Inches



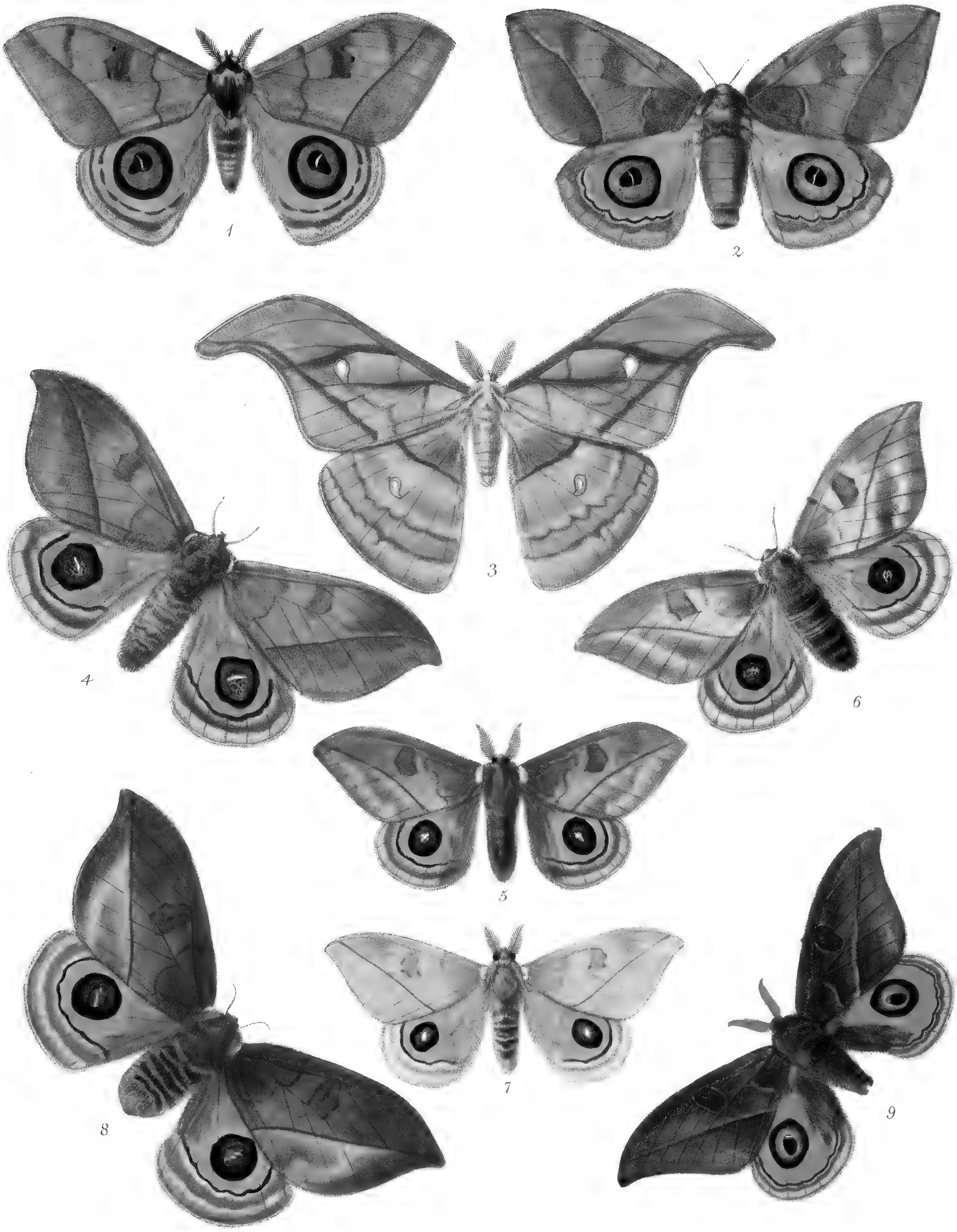
1 CAVIRIA SUBSTRIGOSA.
2♀, 3♂ PENORA ONABA.
4 XENOSOMA NIGROMARGINATUM.
5 DRYOCAMPA ASSIMILIS.
6 XENOSOMA NICANDER.
7 CARAMA PLUMOSA.
8 PENORA OMBREA.
9♂, 10♀ DRYOCAMPA DISSIMILIS.
11♂ EACLES MEXICANA.
12 " SPLENDENS.
13 " MAGNIFICA.
14 ARCHYLUS GUTTIFASCIA.

W. Purkiss lith.   Hanhart imp
418



1♀, 2♂ ADELOCEPHALA BOISDUVALI.
3♂, 4♀ COLORADIA MARATHUSA.
5 COLORADIA CLAZOMENIA.
6 AUTOMERIS MENDOSA.
7 „ CECROPS.
8 AUTOMERIS BANUS.
9 ADELOCEPHALA HÖGEI.

W. Purkiss lith.
Hanhart imp.
422.



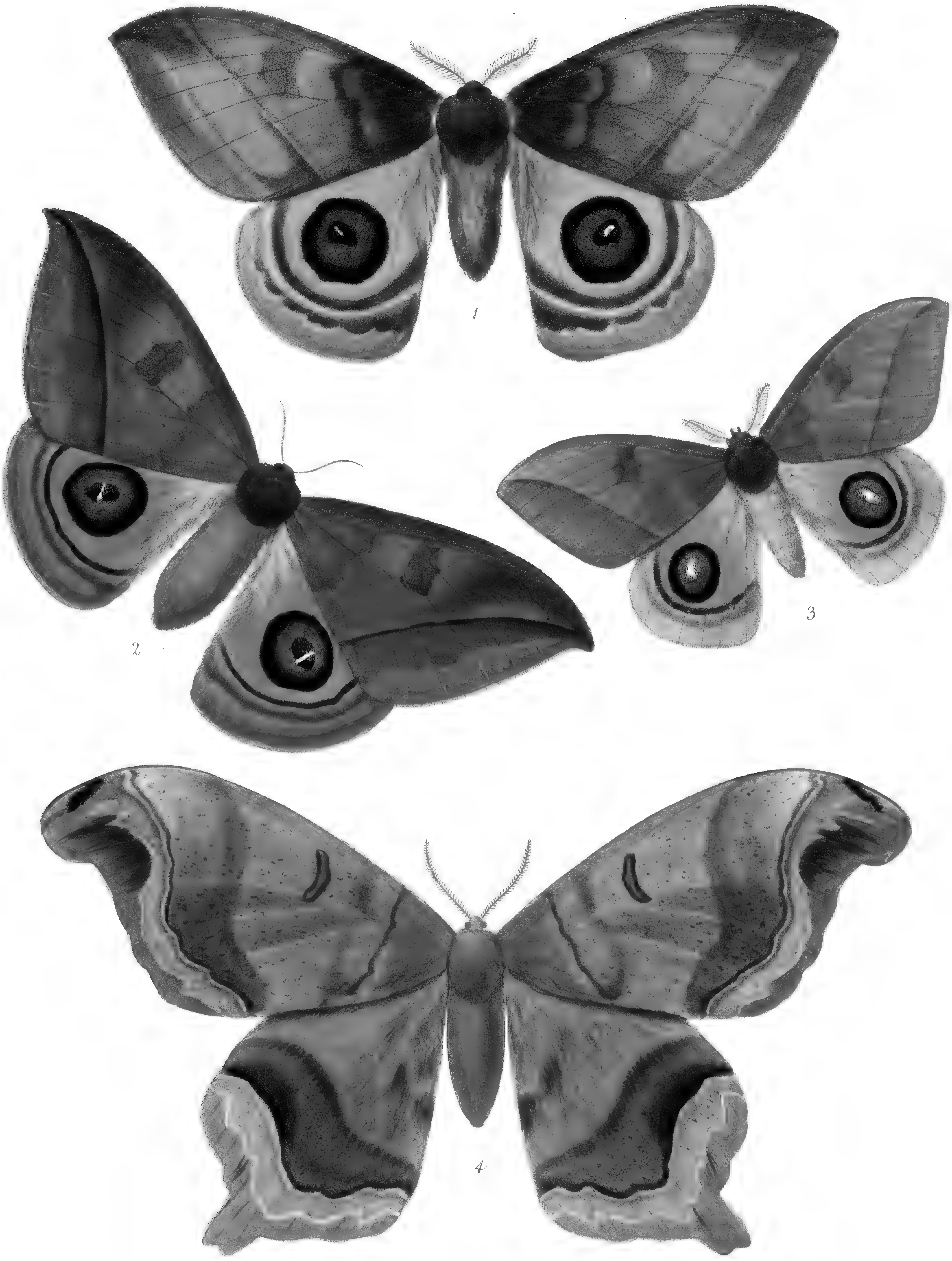
1♂ AUTOMERIS BANUS.
2♀ " ZUROBARA.
3♂ COPAXA TRÖTSCHI.

4♀ AUTOMERIS AVERNA.
5♂, 6♀ " BOUCARDI.

7♂ AUTOMERIS ZUGANA.
8♀ " ZOZINE.
9♂ " SATURATA.

W. Purkiss lith.

Hanhart imp.
426.



1♂ AUTOMERIS LARRA. 2♀, 3♂ AUTOMERIS BELTI. 4 ARSENURA (?) CHAMPIONI

W. Purkiss lith

Hanhart imp
429

Blue
Cyan
Green
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KODAK Color Control Patches
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Kodak
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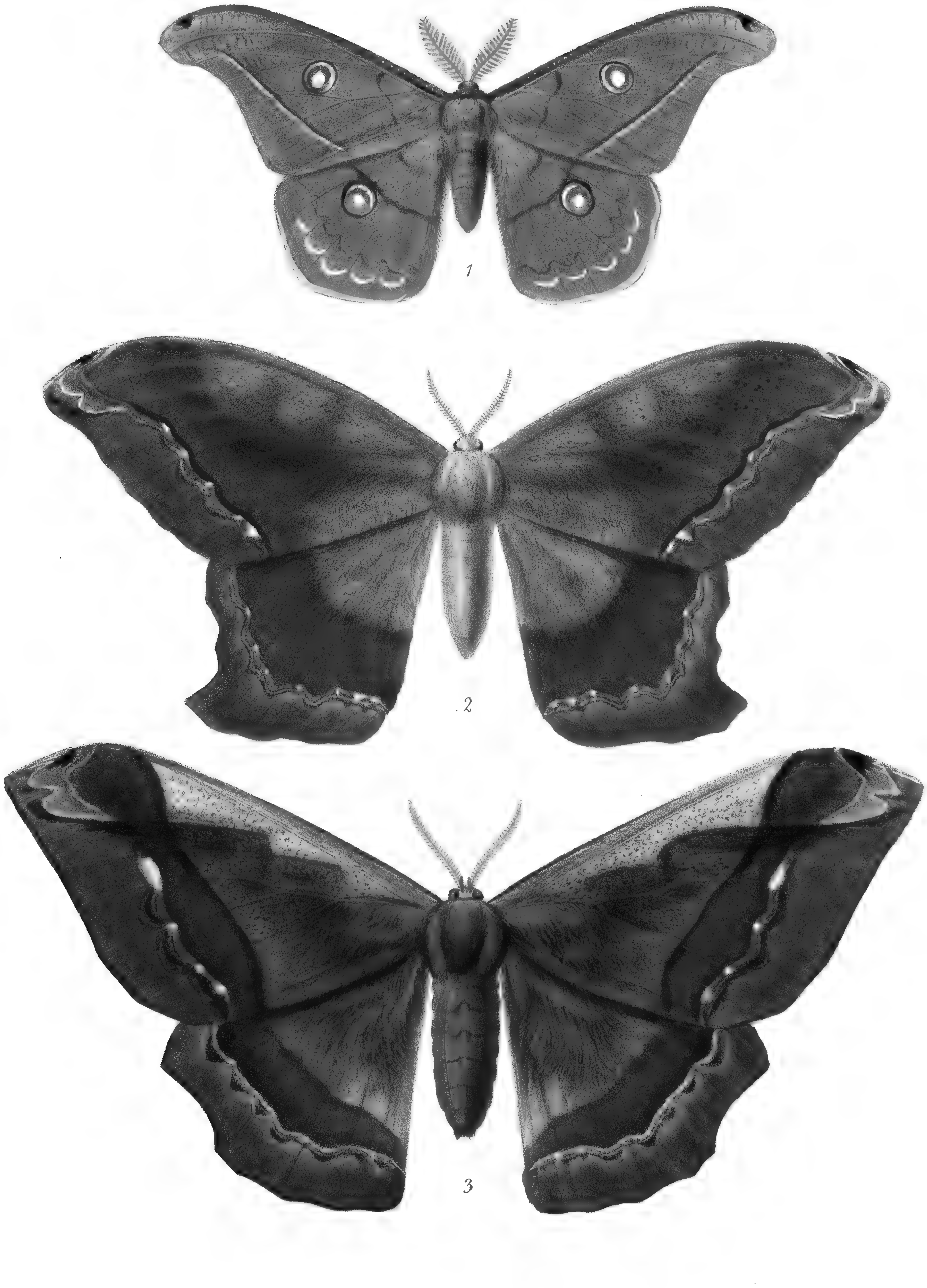
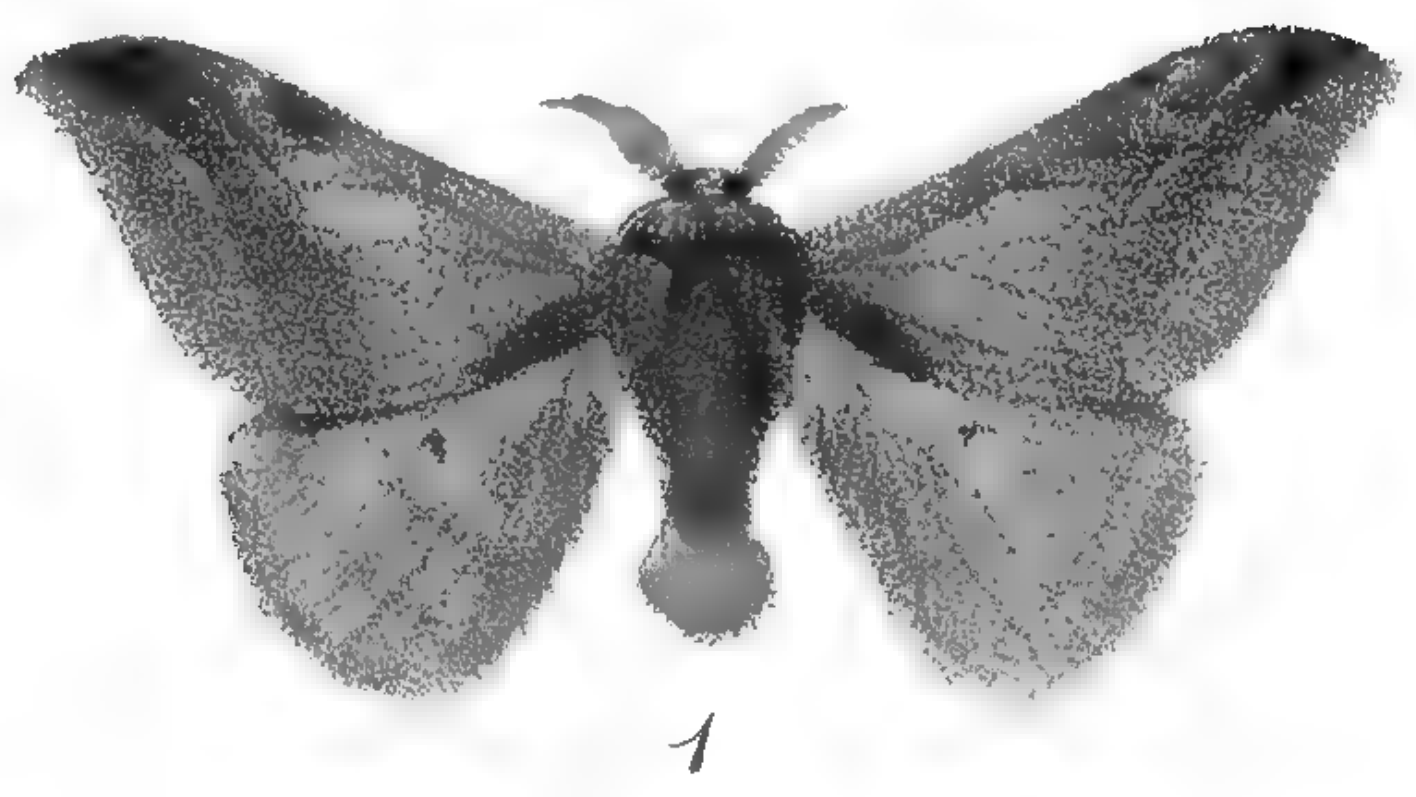


1♂ ANTHERÆA CHAPATA 2♂, 3♀ ARSENURA ARCÆI.

W. Purkiss lith.
Hanhart imp.
432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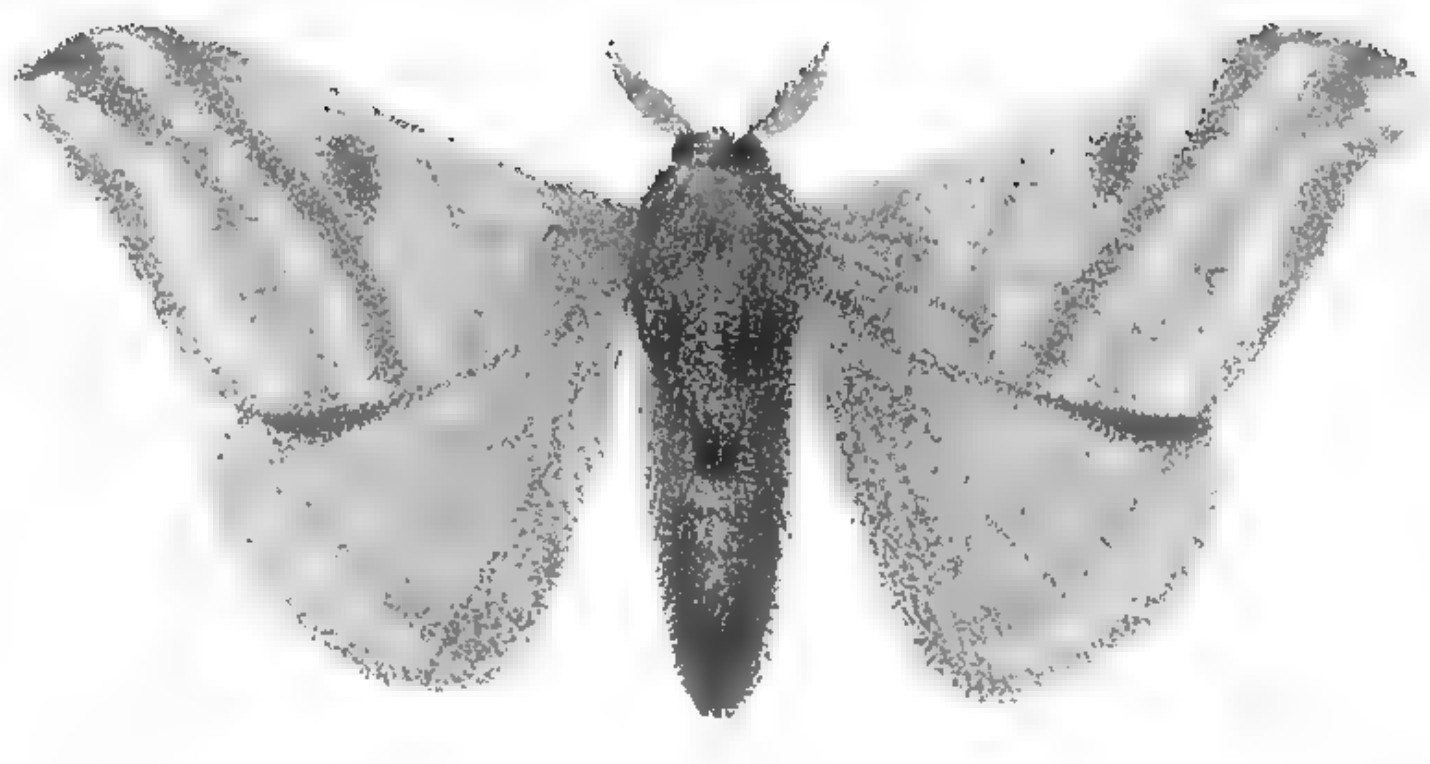
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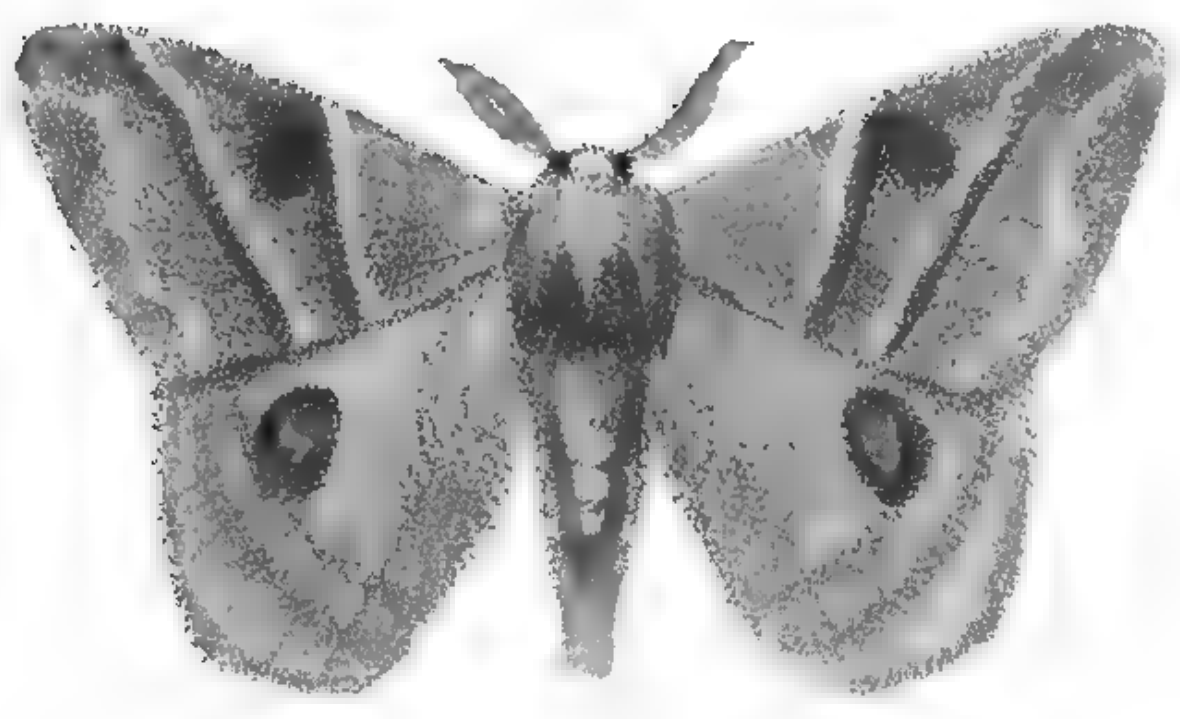
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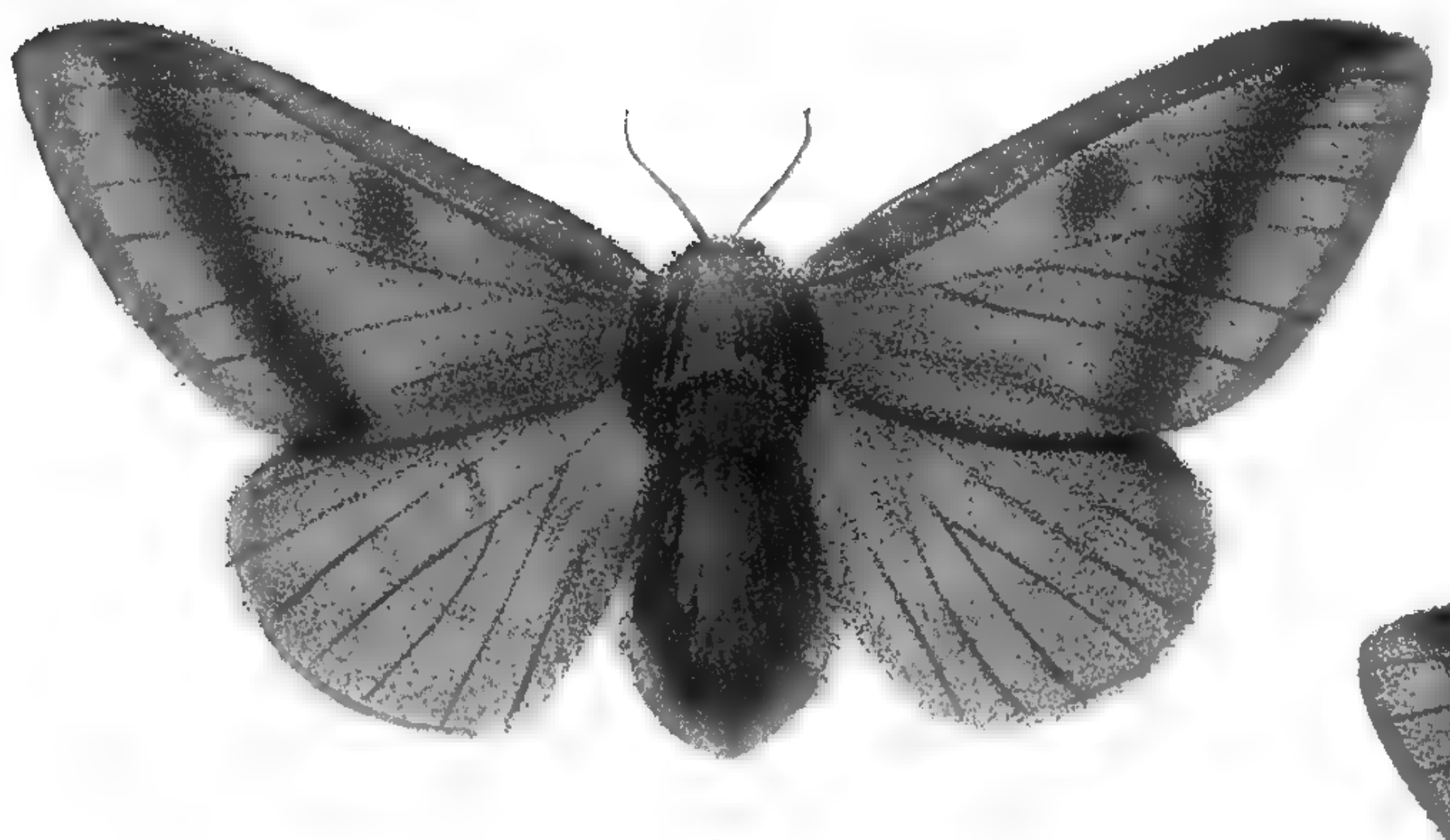
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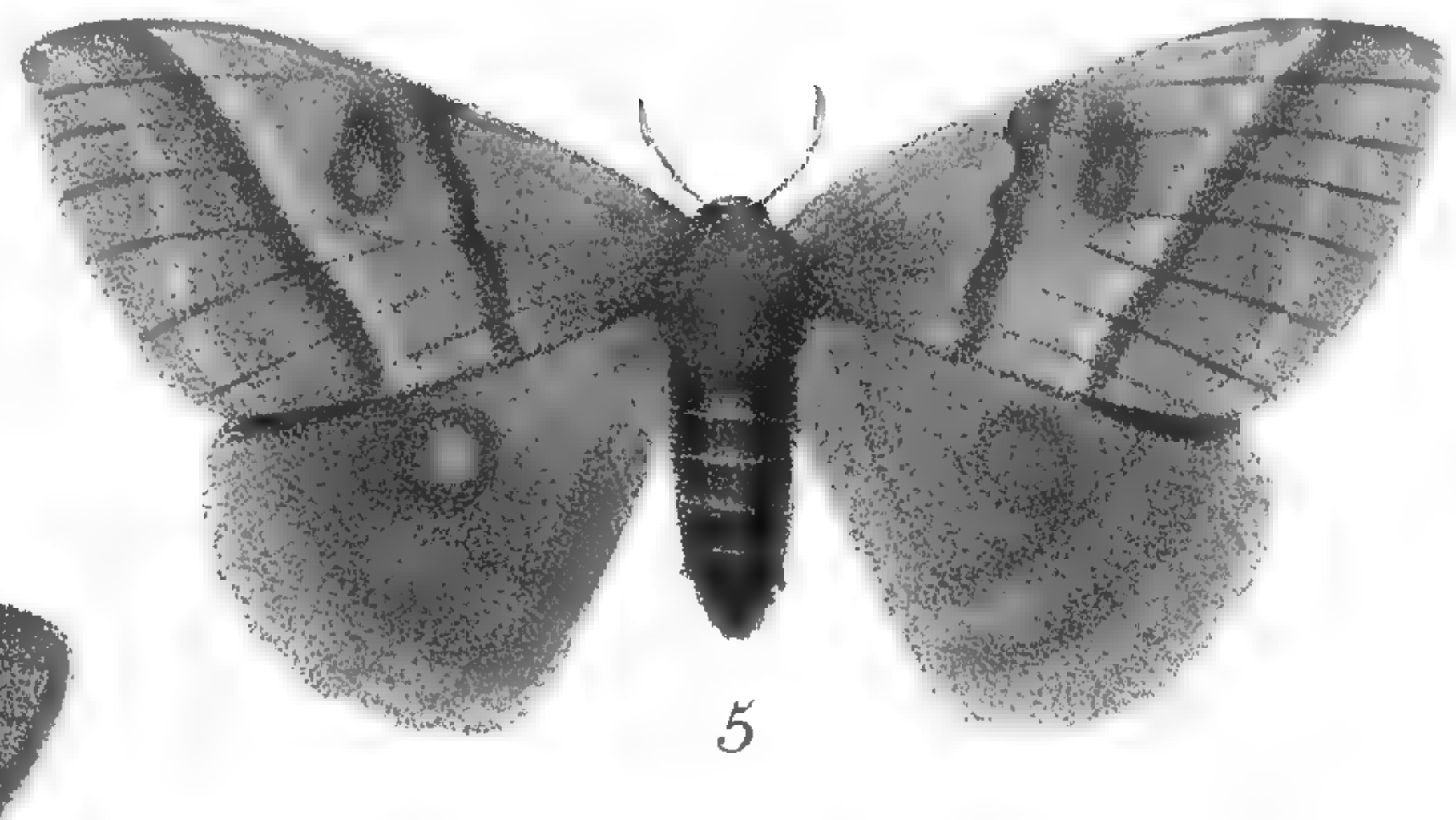
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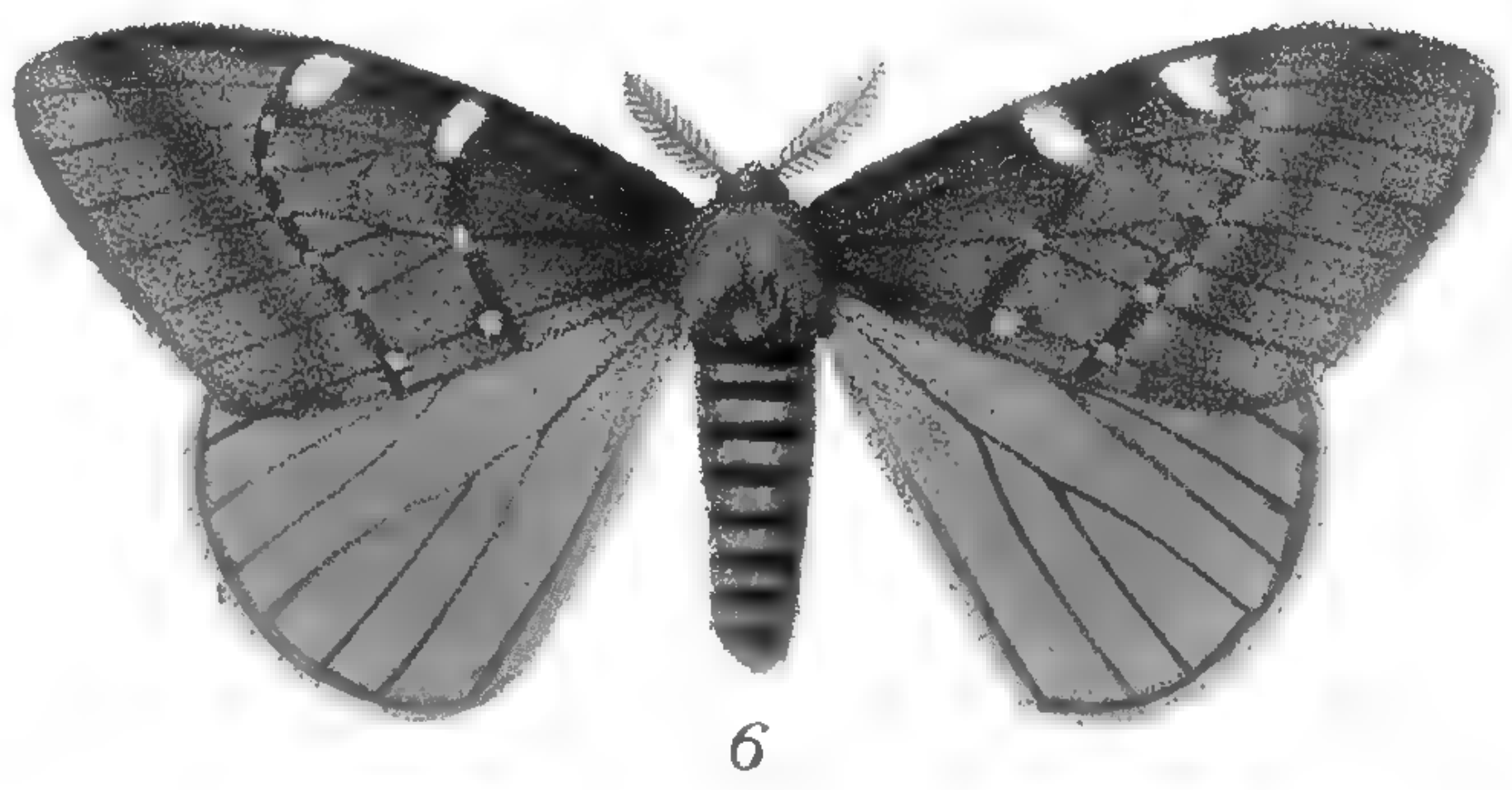
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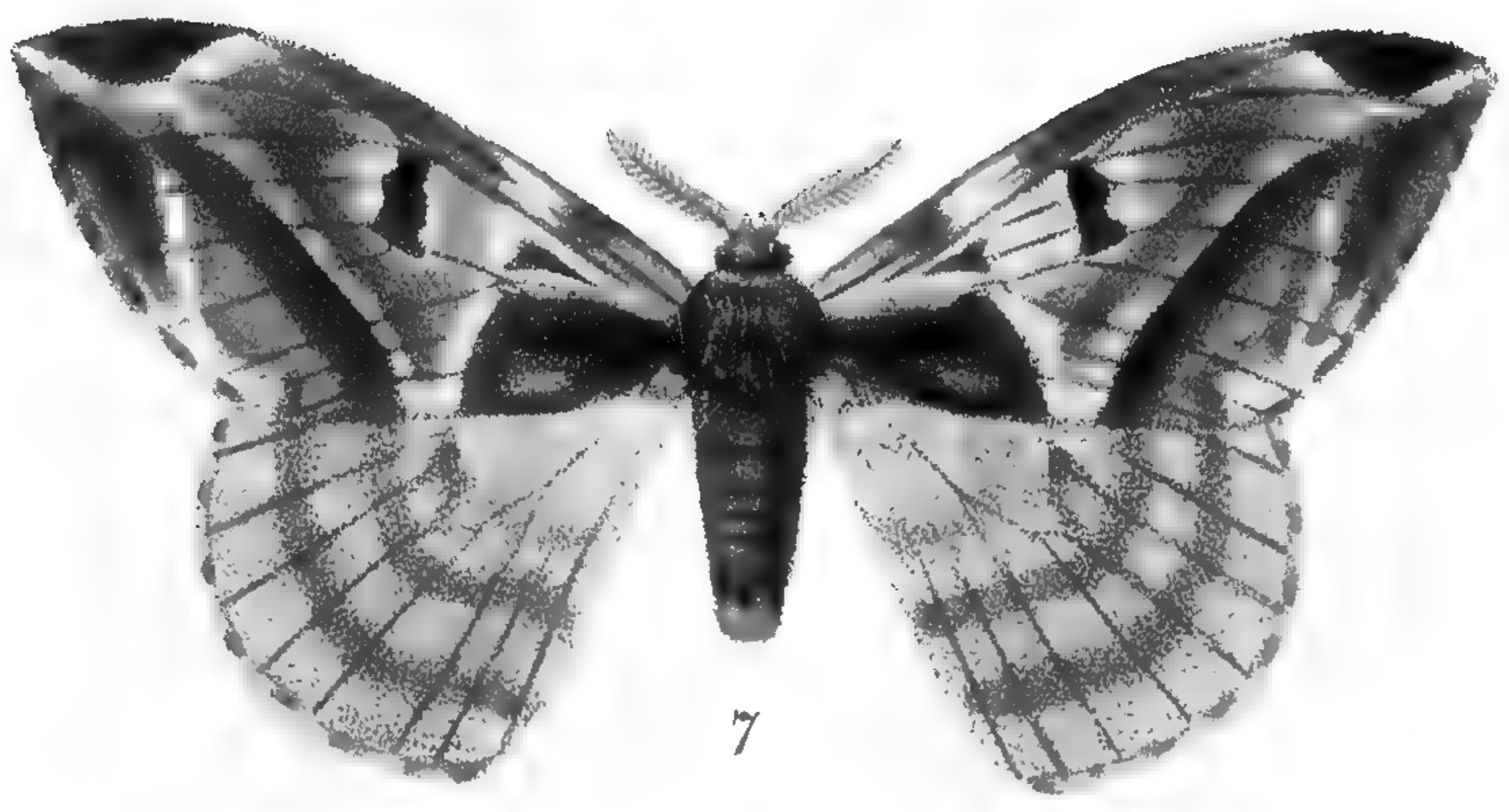
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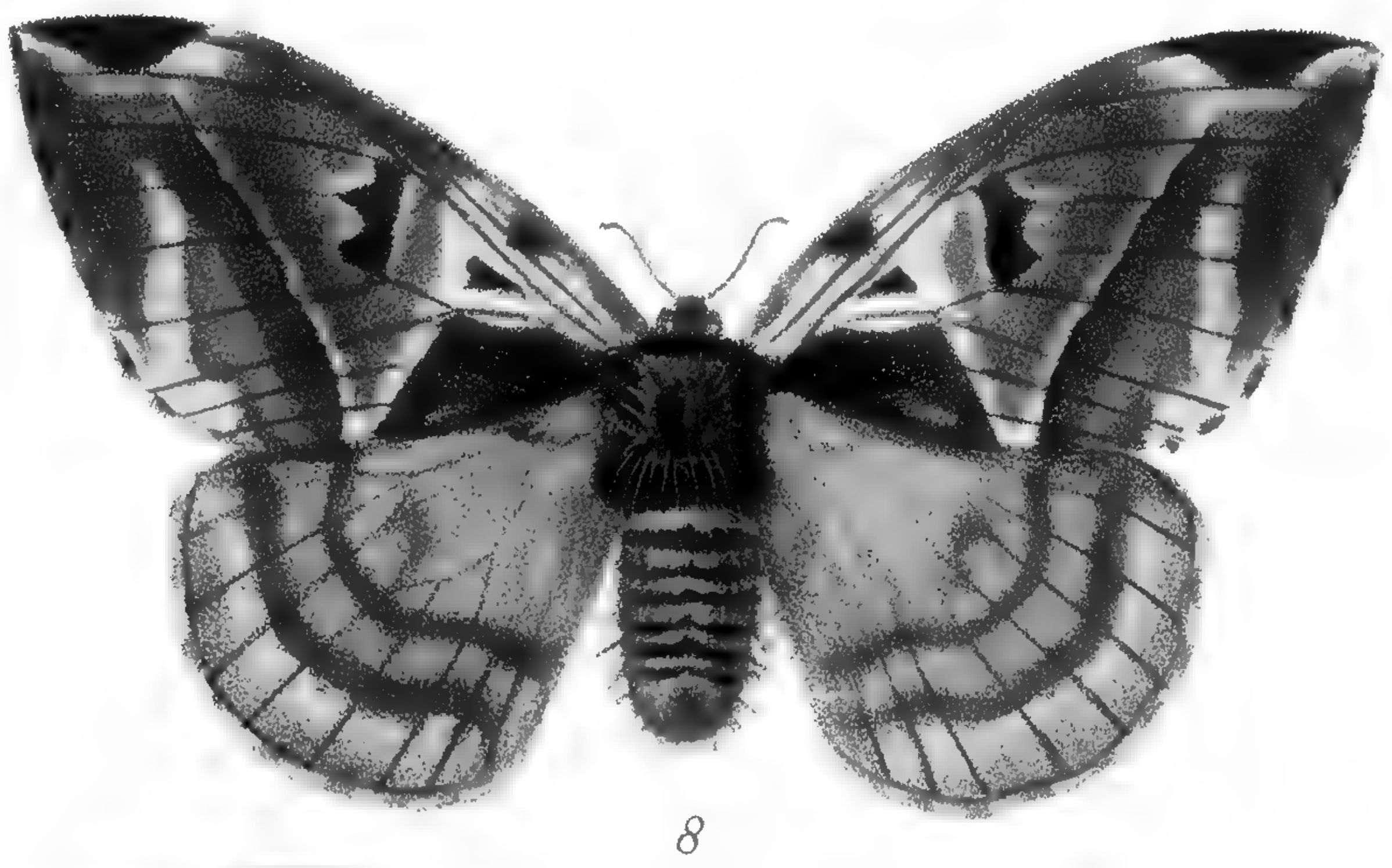
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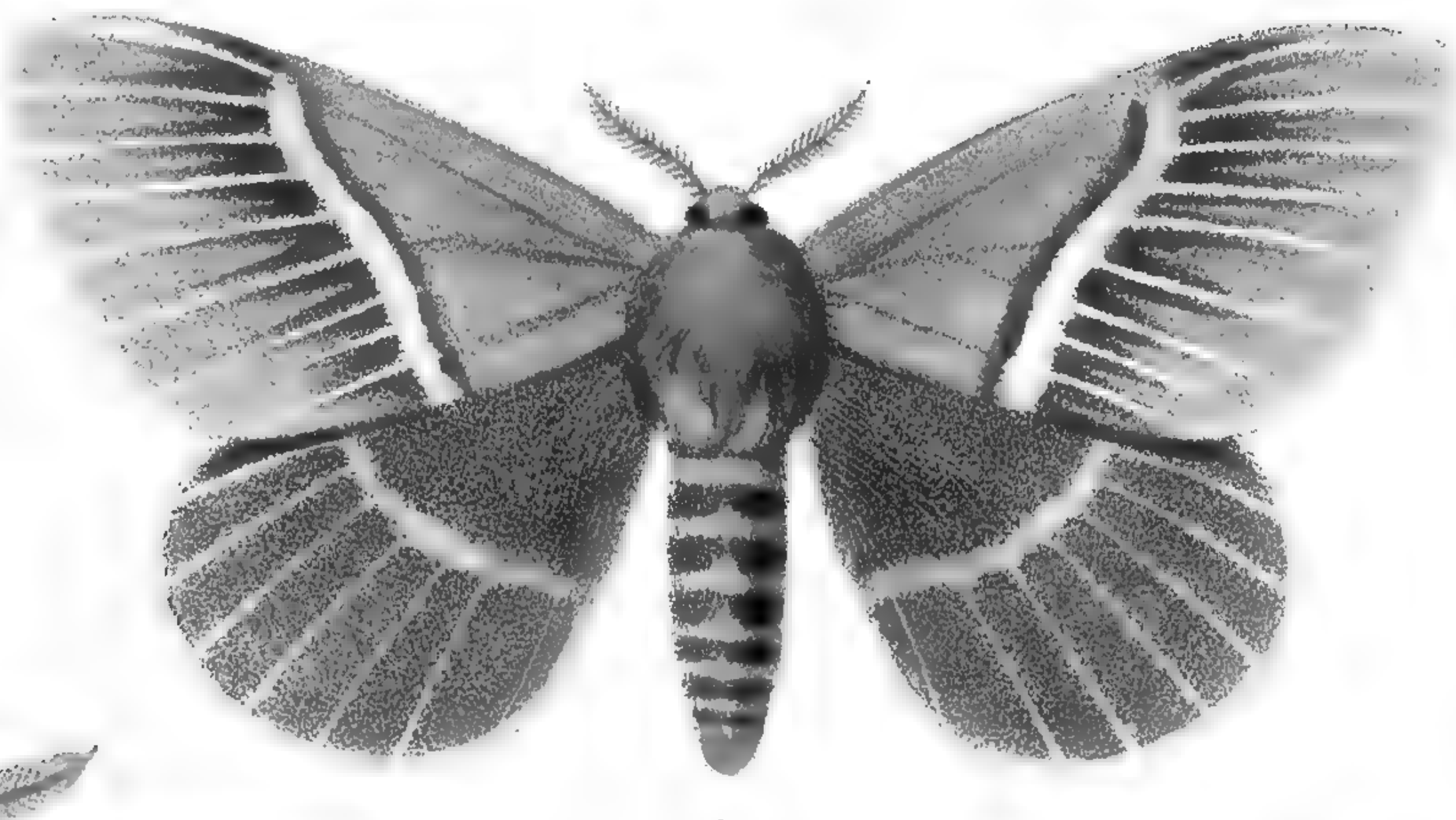
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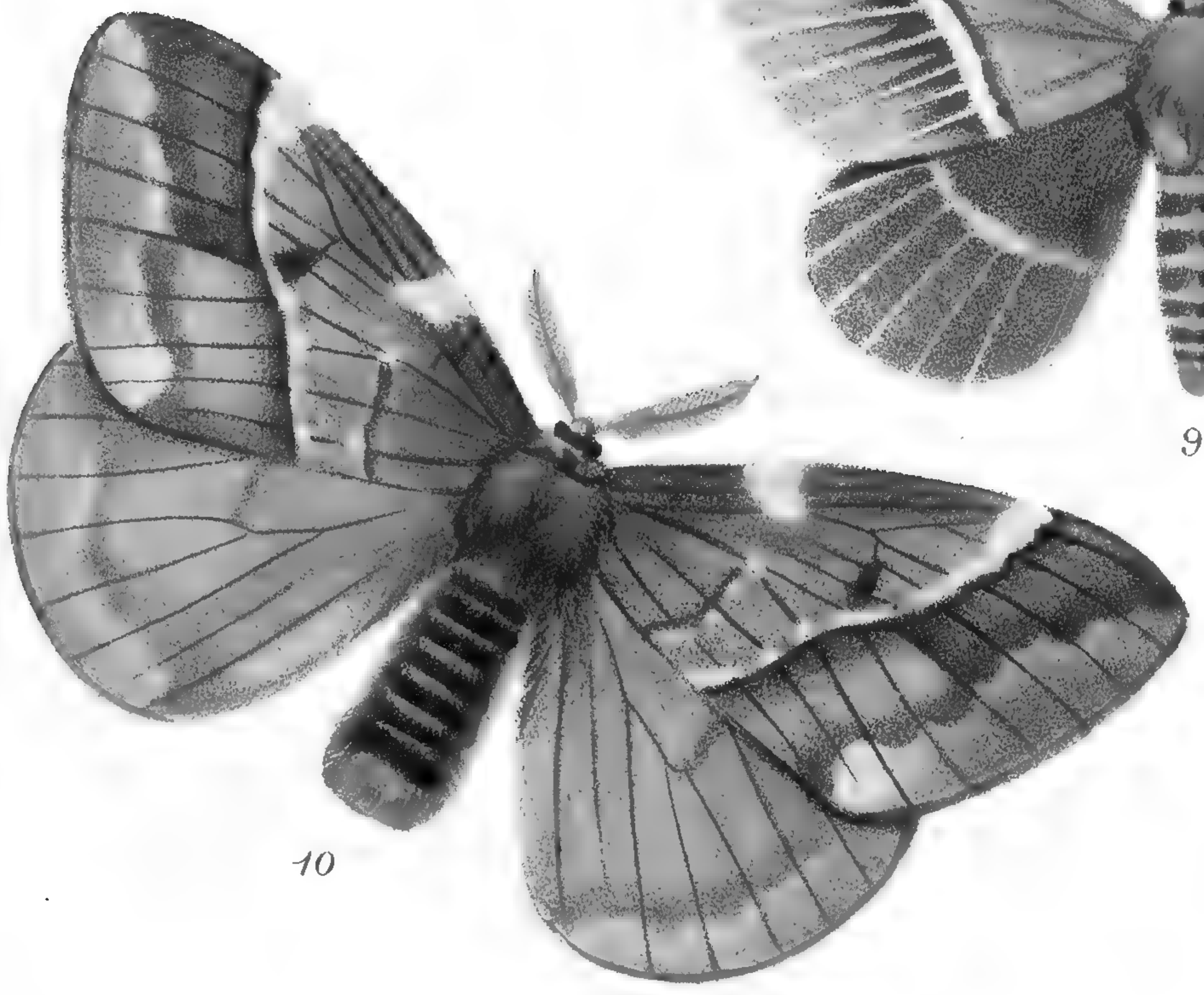
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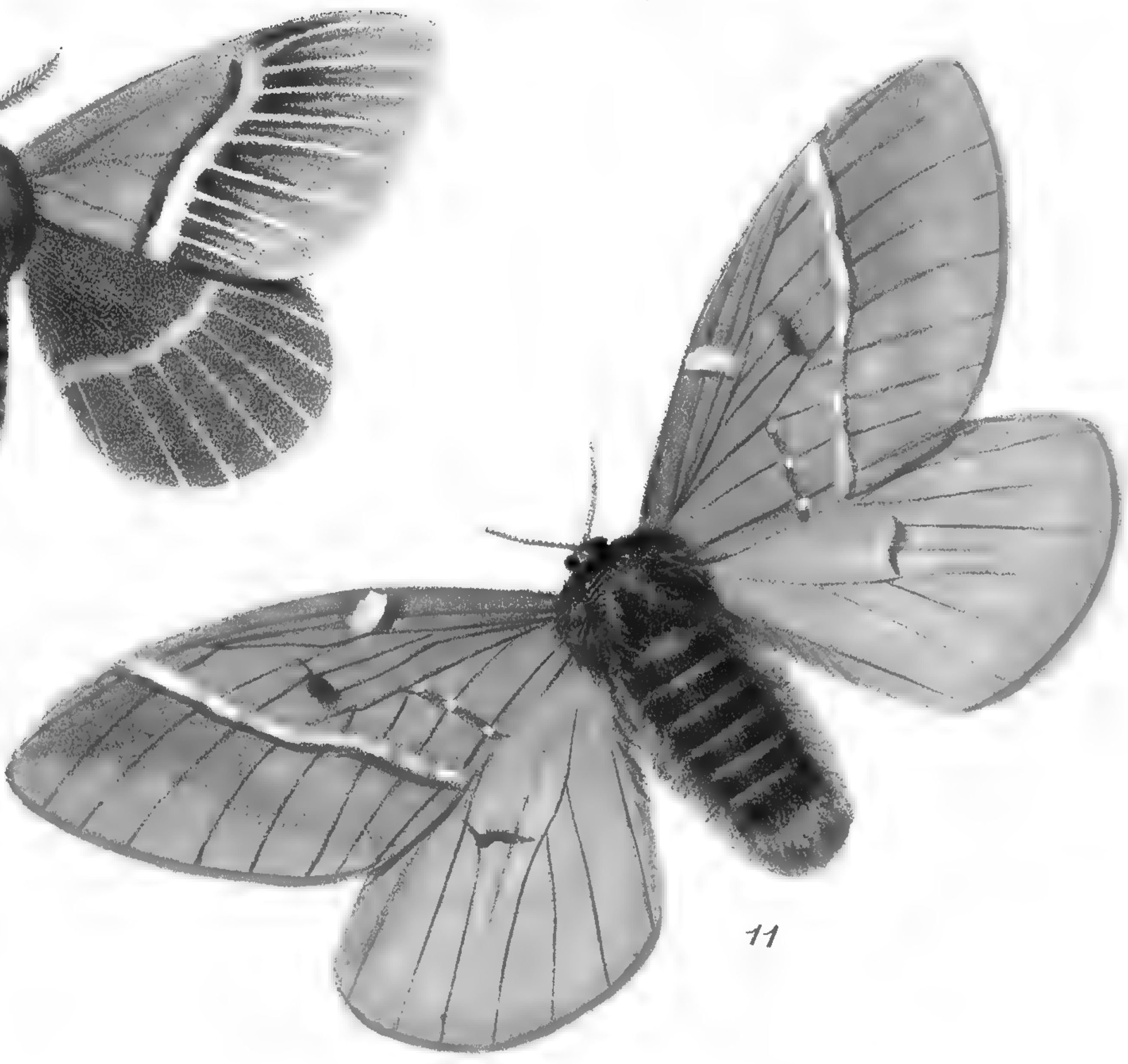
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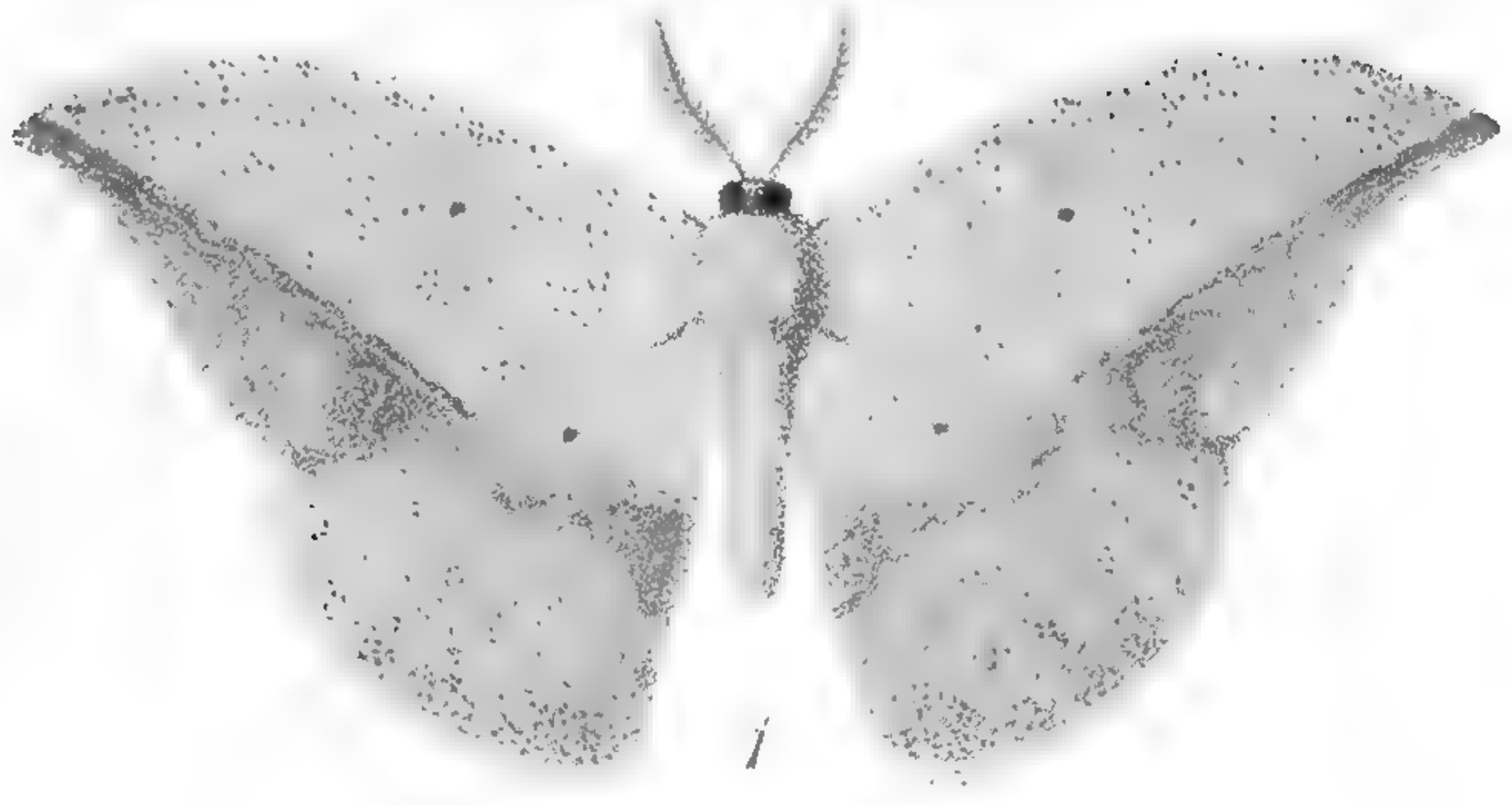
1♂, 2♀ HYLESIA ACUTA.
3♂ " ALINDA.

4♂, 5♀ HYLESIA (?) LINEATA.
6♂ DIRPHIA CITRINA.
7♂, 8♀ " ROSEA.

9♂ DIRPHIA MENANDER.
10♂, 11♀ " HÖGEI.

W. Purkiss lith.
Hanhart imp
437.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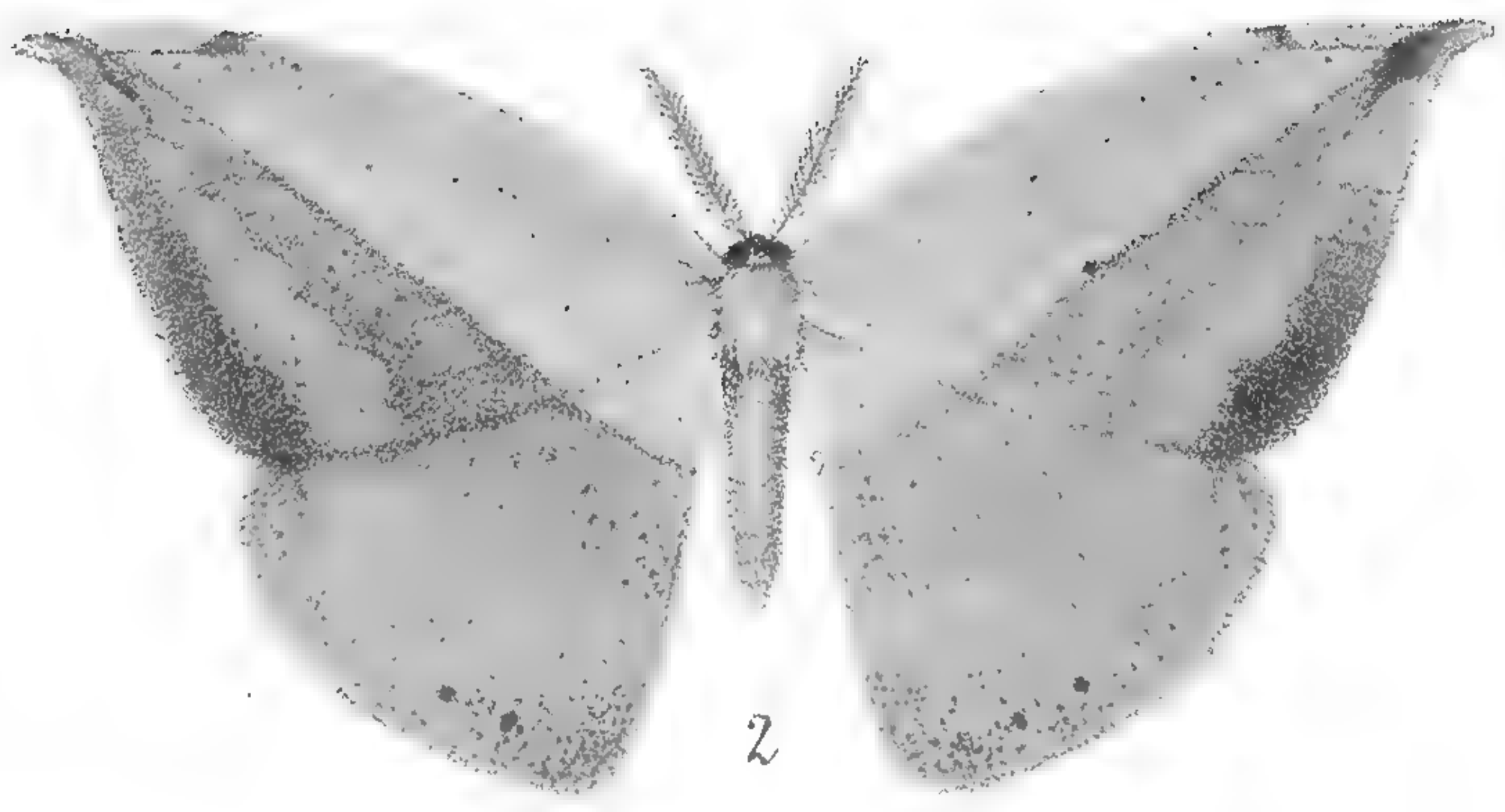
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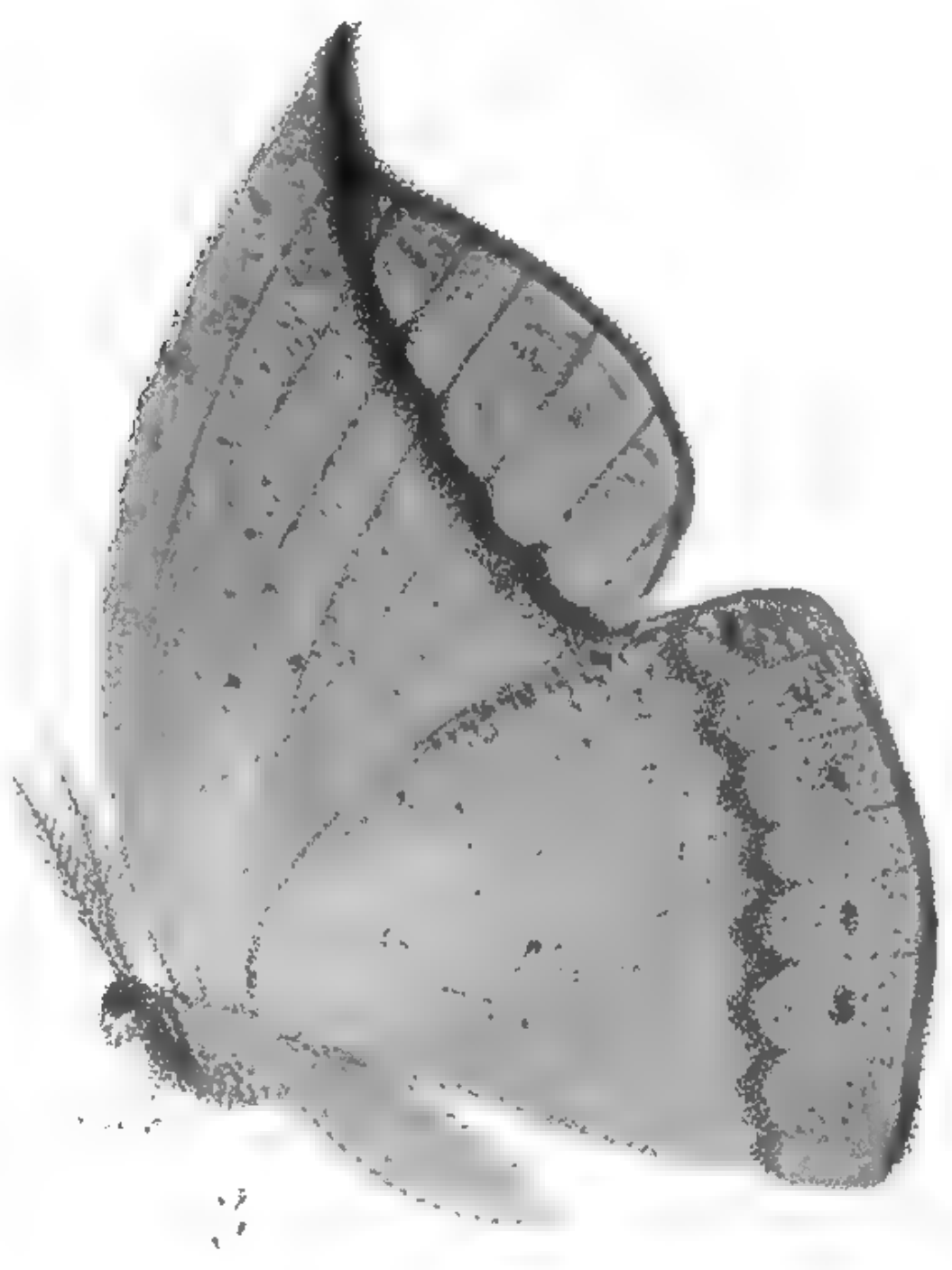
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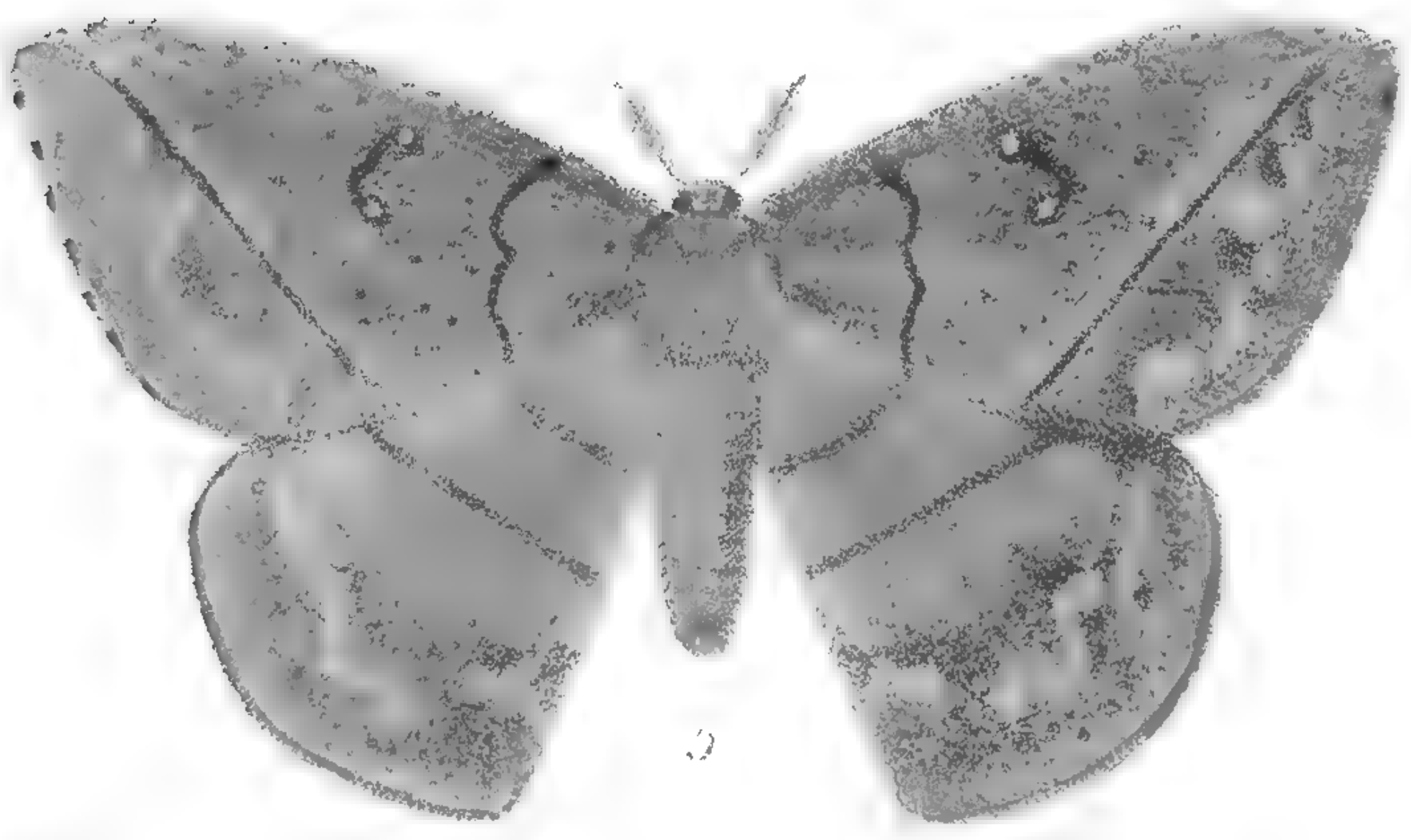
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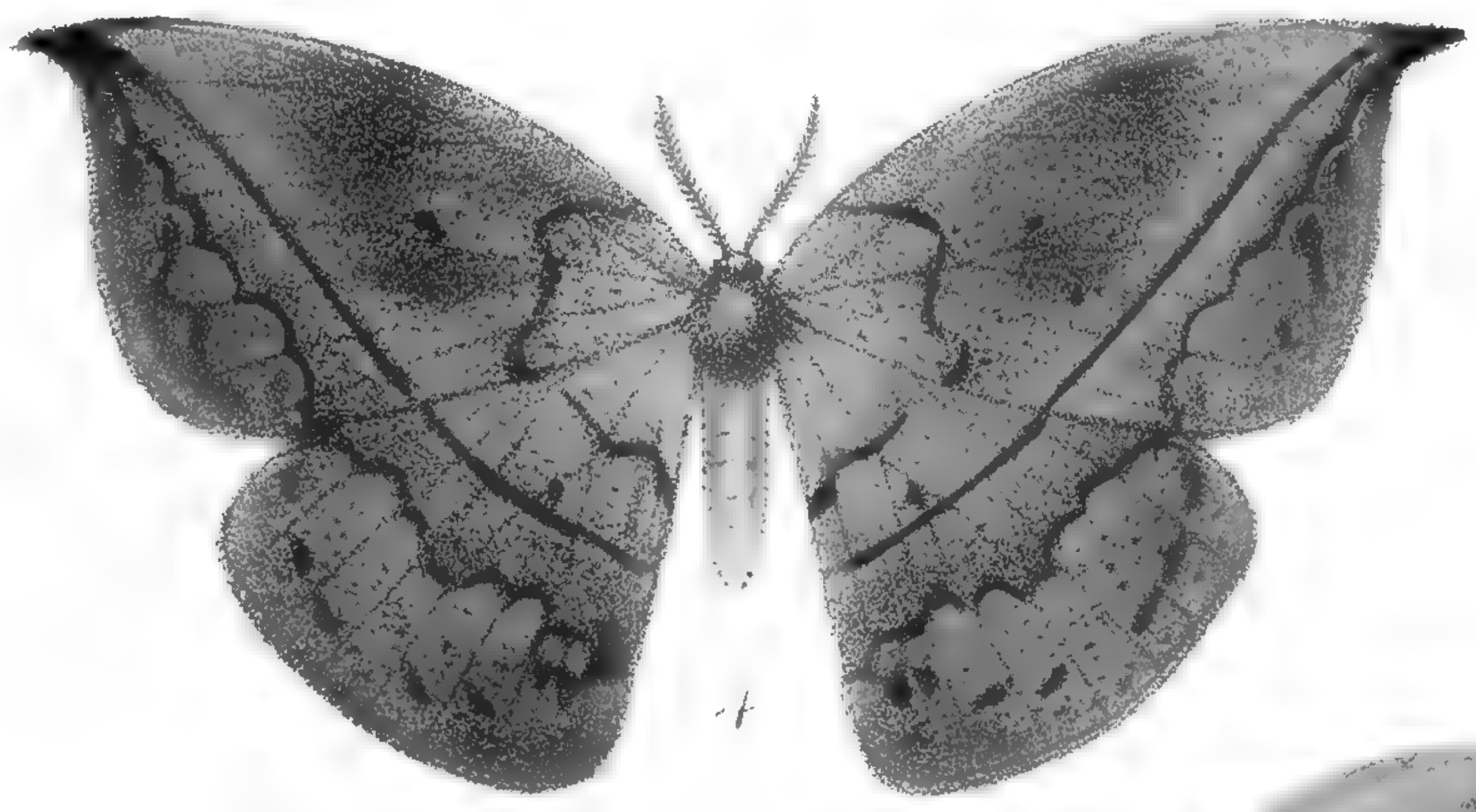
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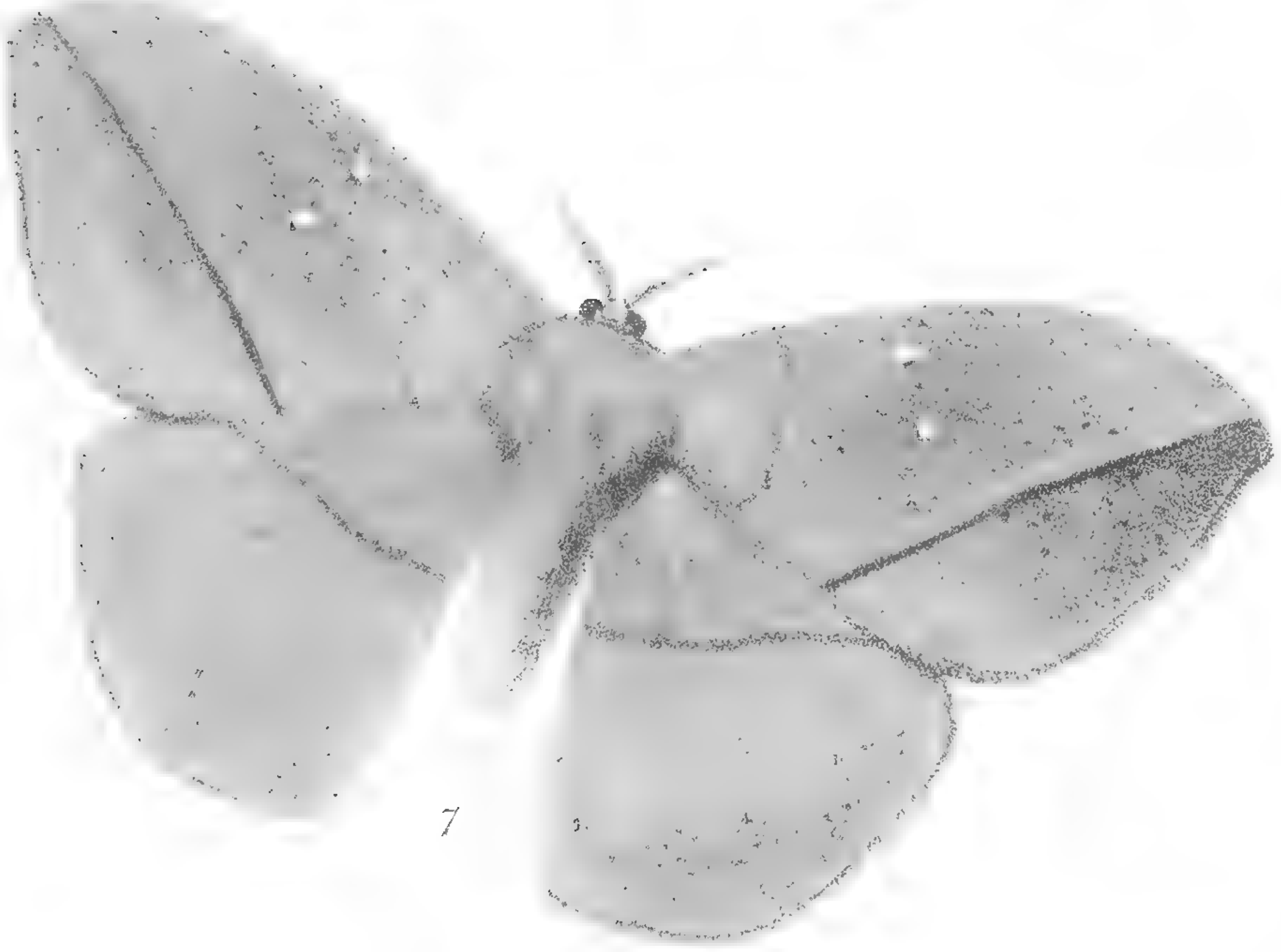
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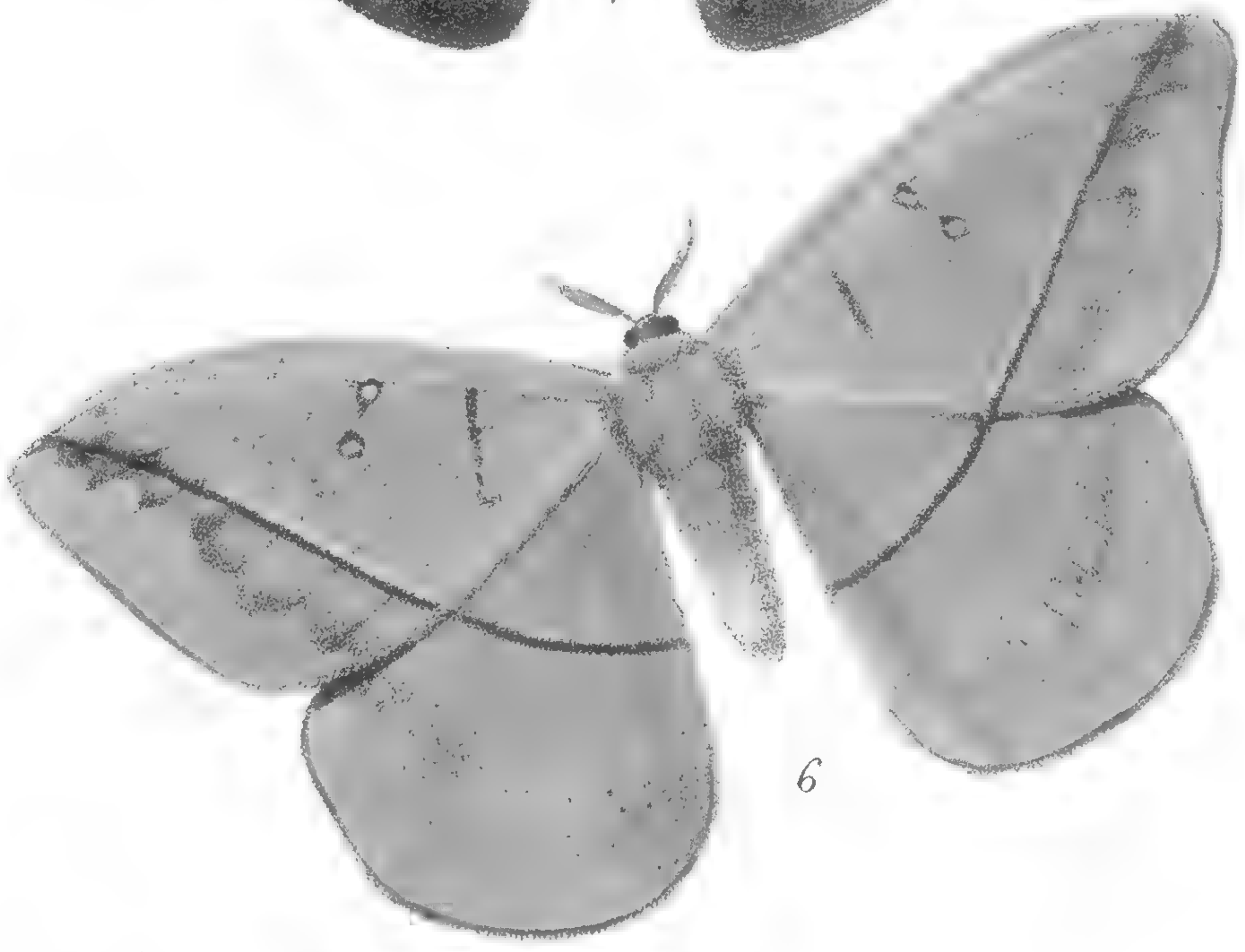
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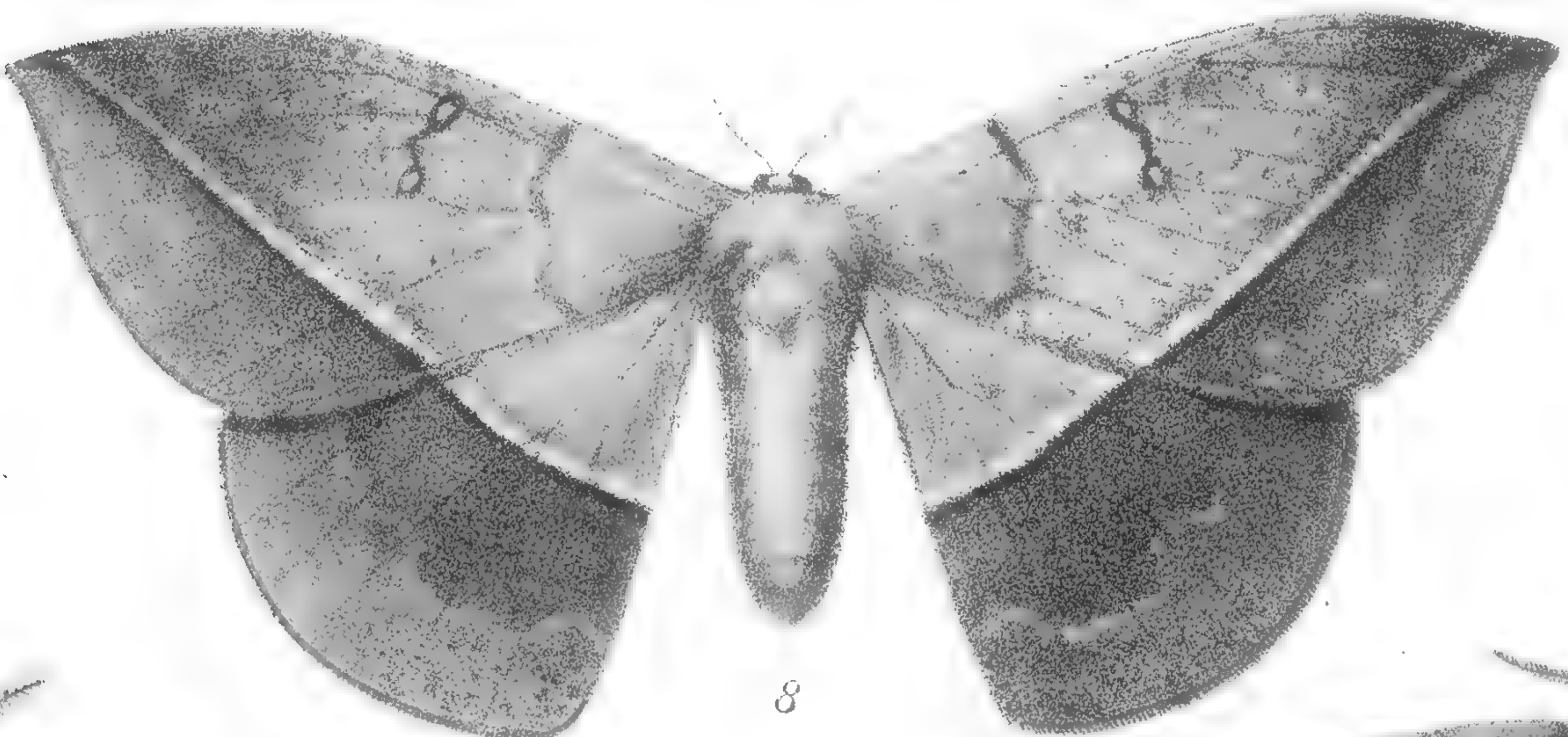
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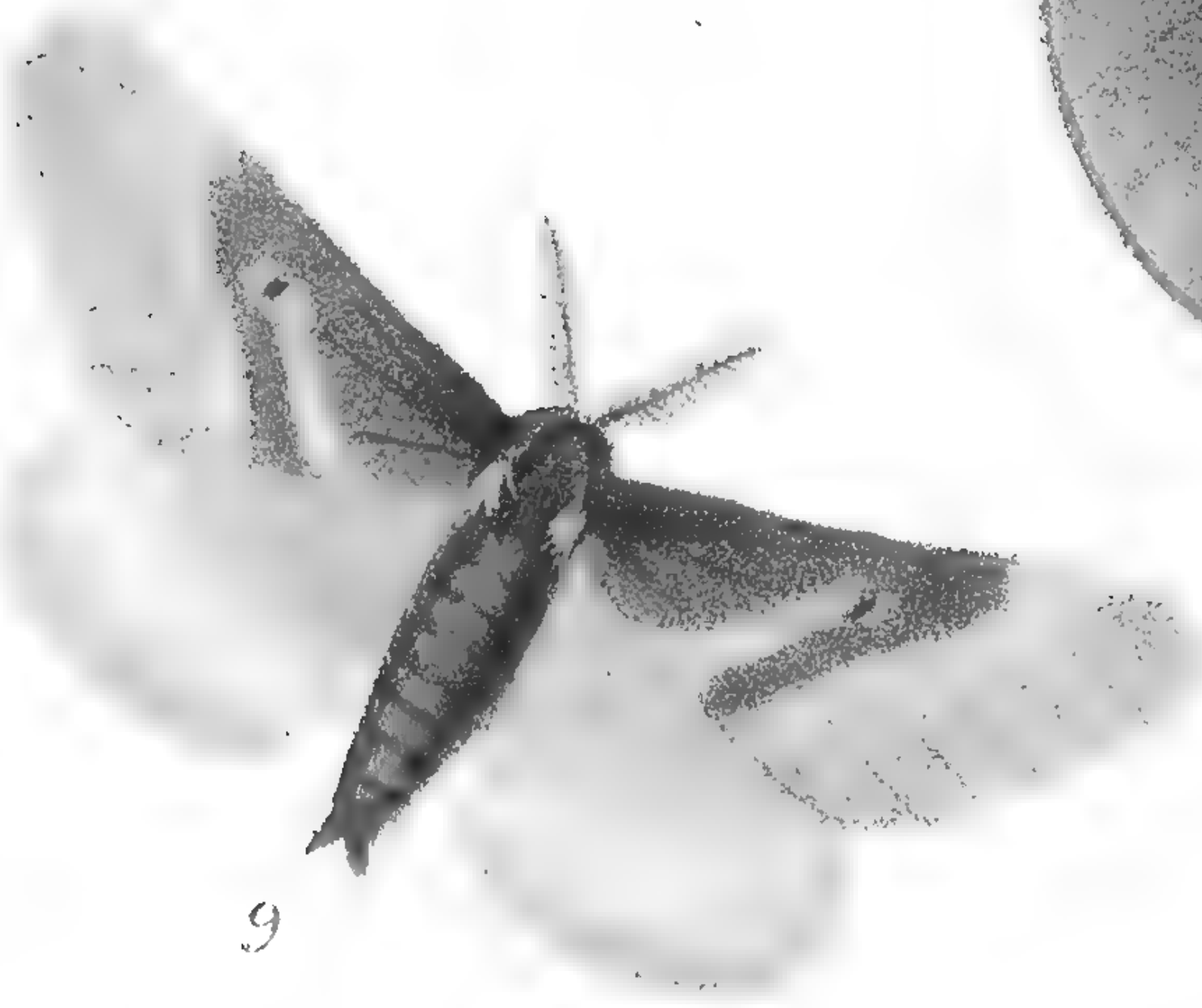
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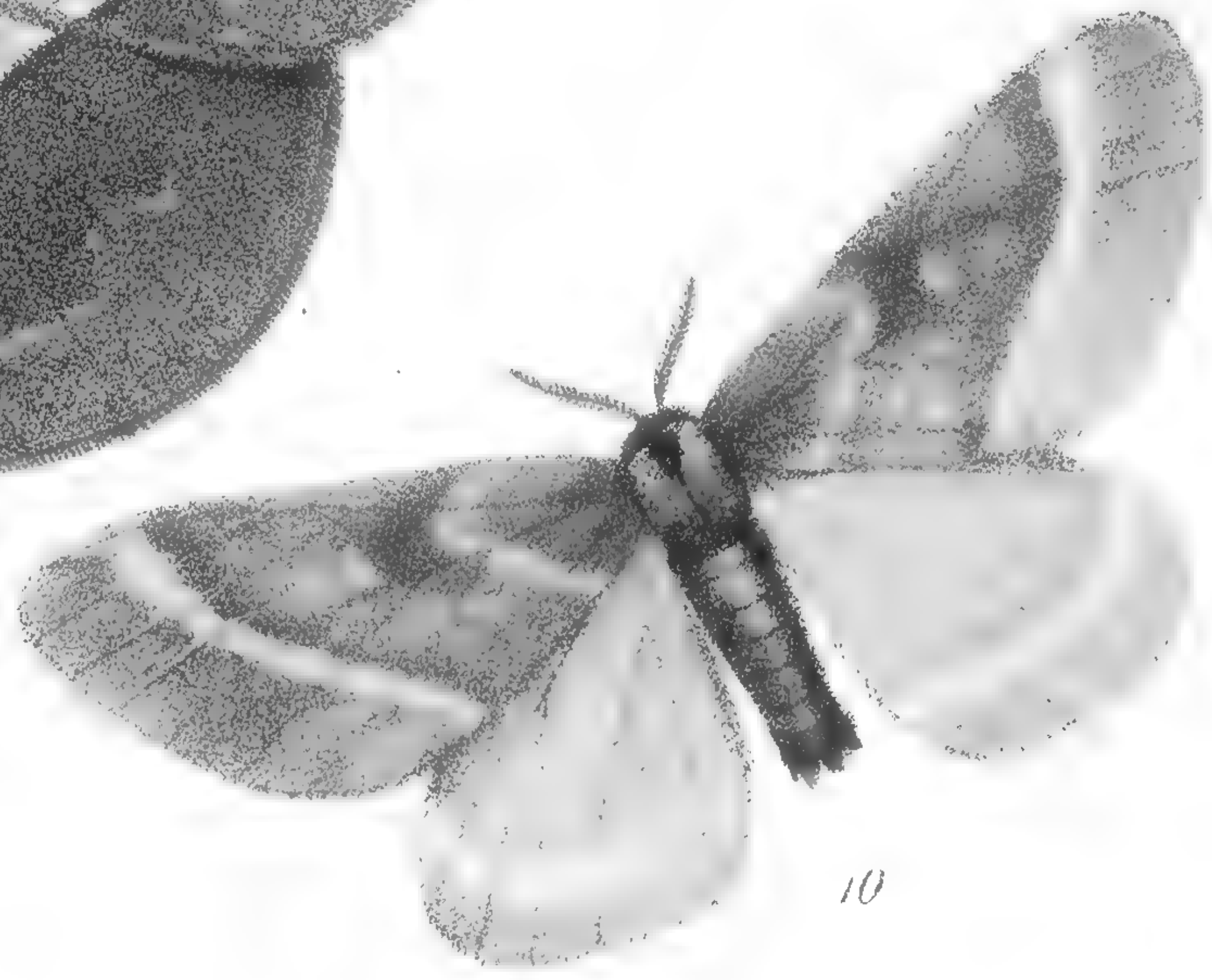
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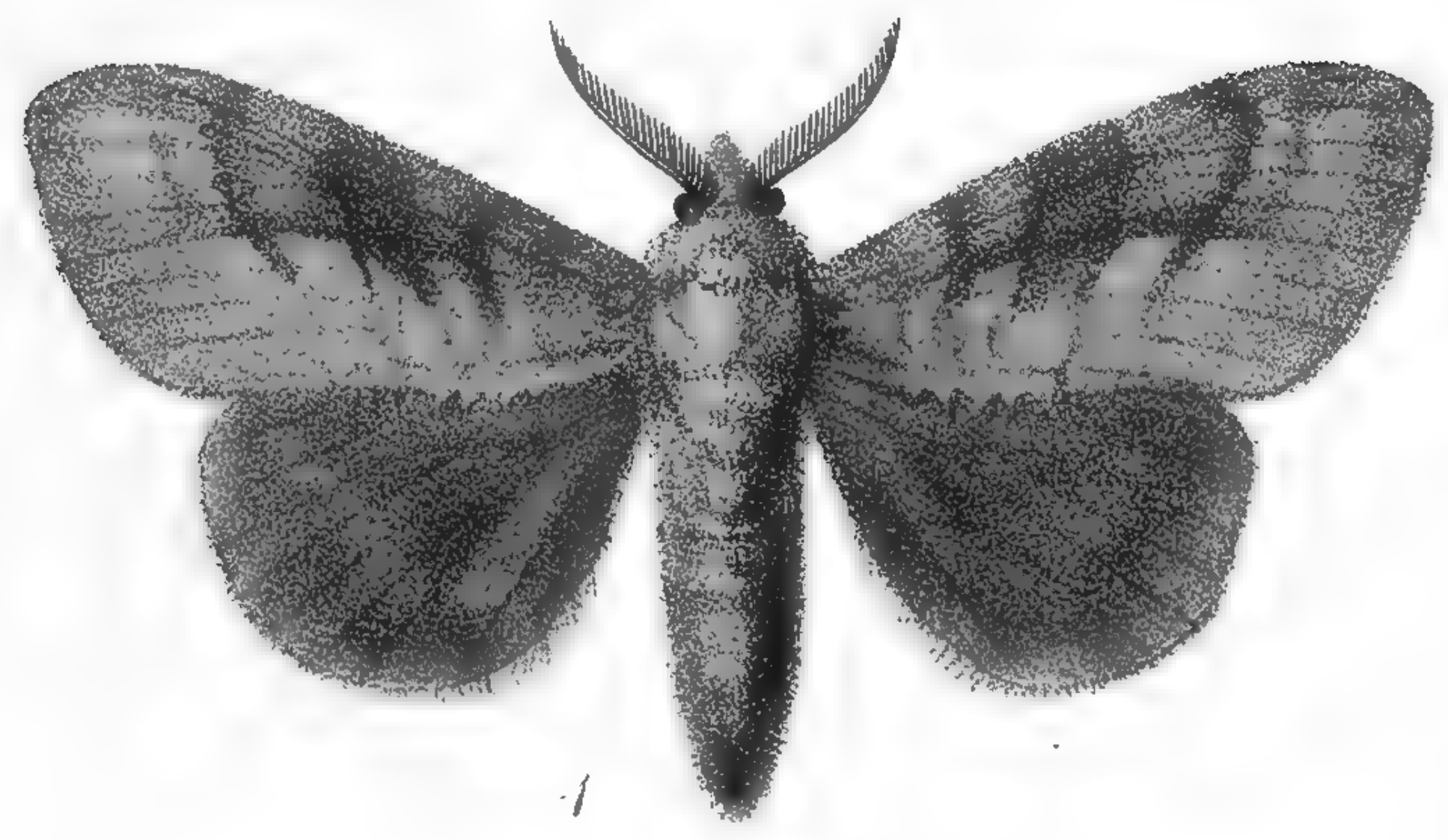
1 ♂ OXYTENIS LONOMICA.
2 ♂ „ MALECENA.

3, 4 OXYTENIS BEPREA.
5 ♂ LONOMIA CLUACINA.
6 ♂ „ CONCORDIA.

7 ♂, 8 ♀ LONOMIA ELECTRA.
9 ♂, 10 ♀ METANASTRIA MEXICANA.

W Purkiss lith.

Hanhart imp
438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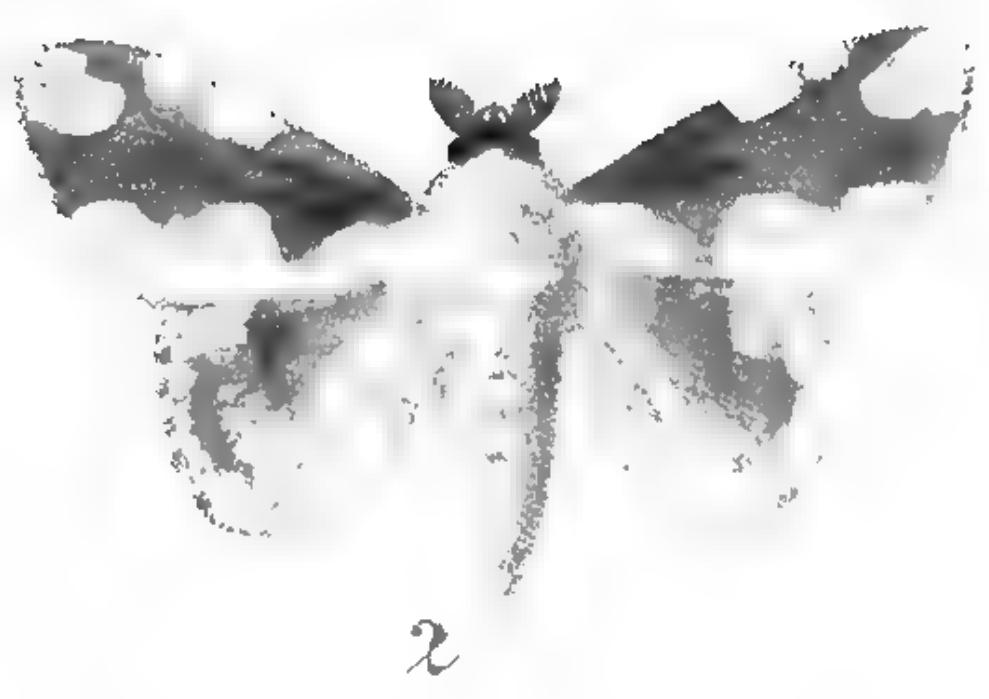
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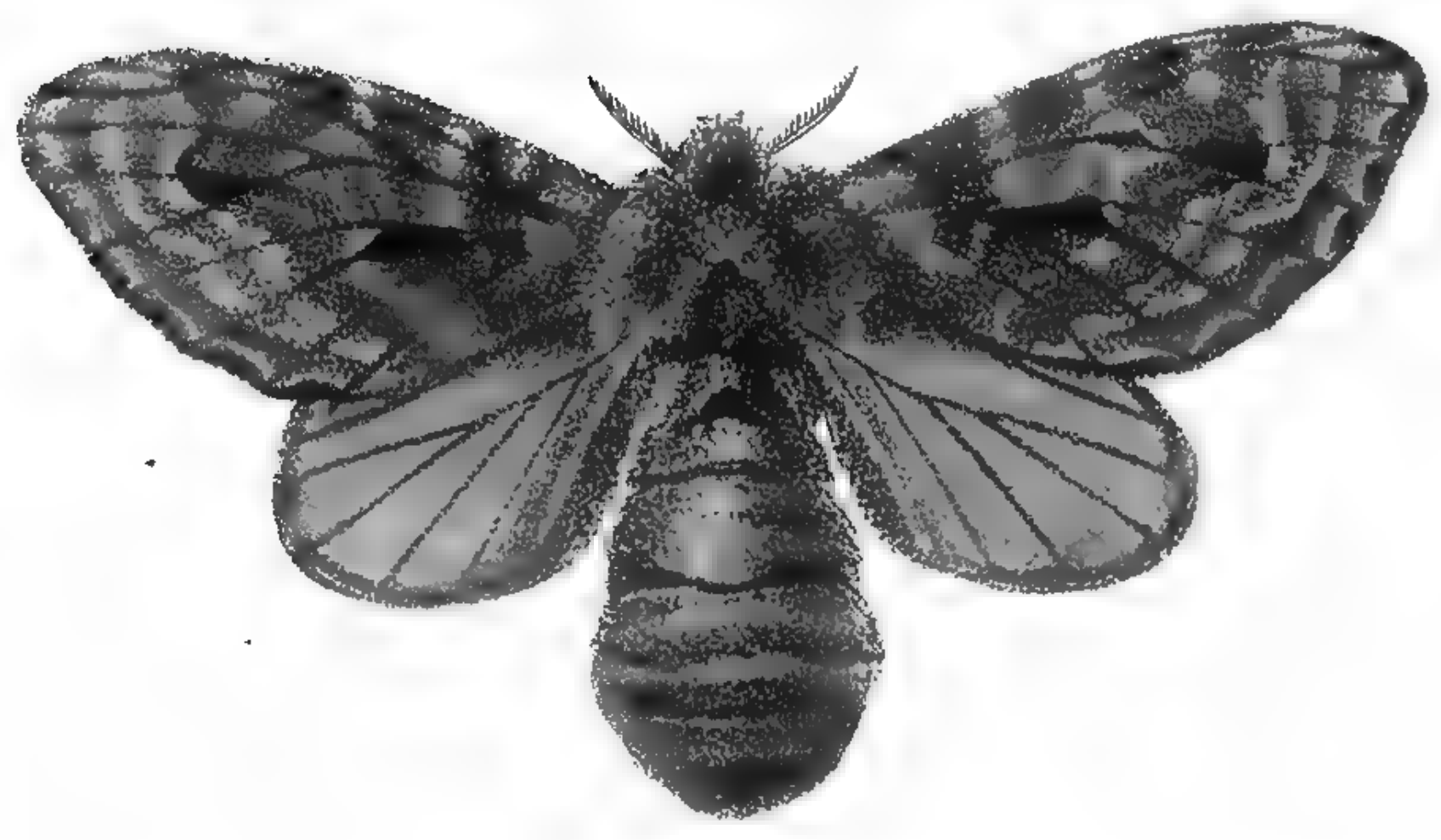
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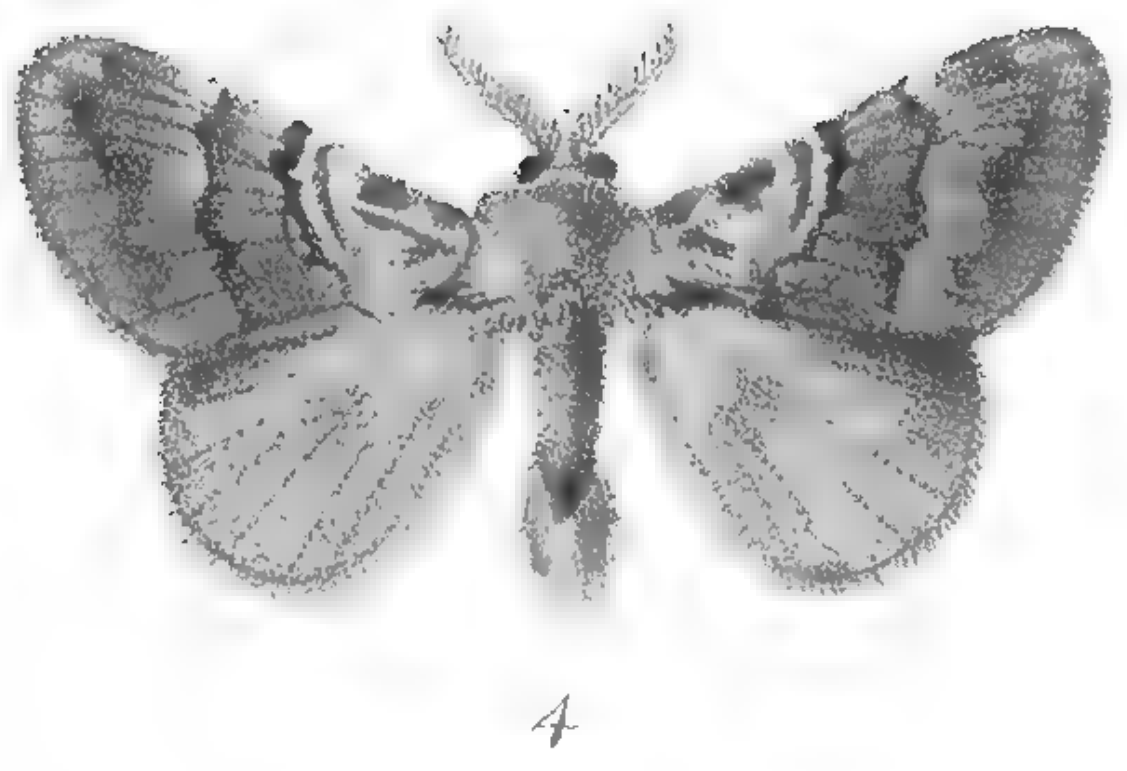
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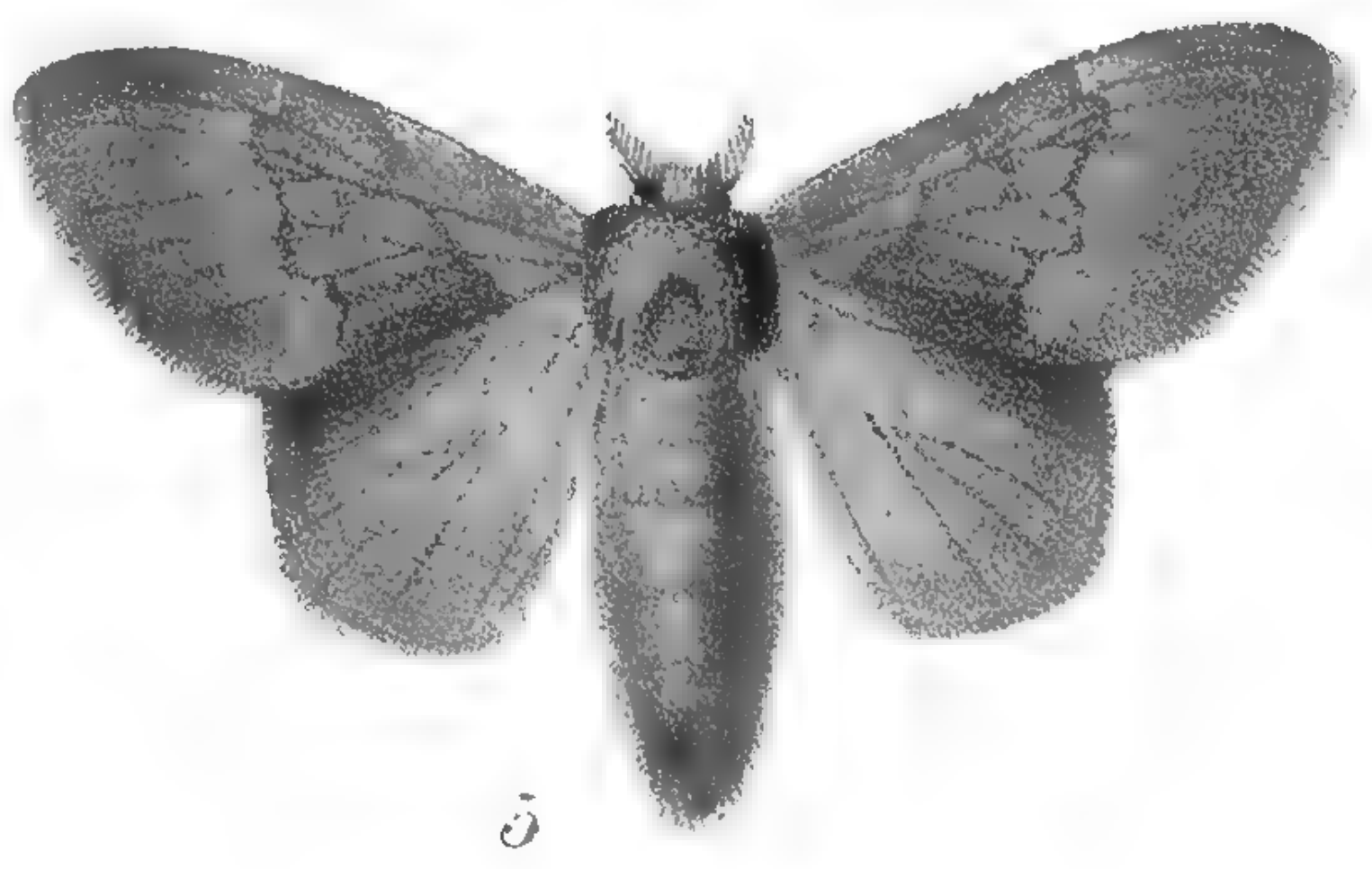
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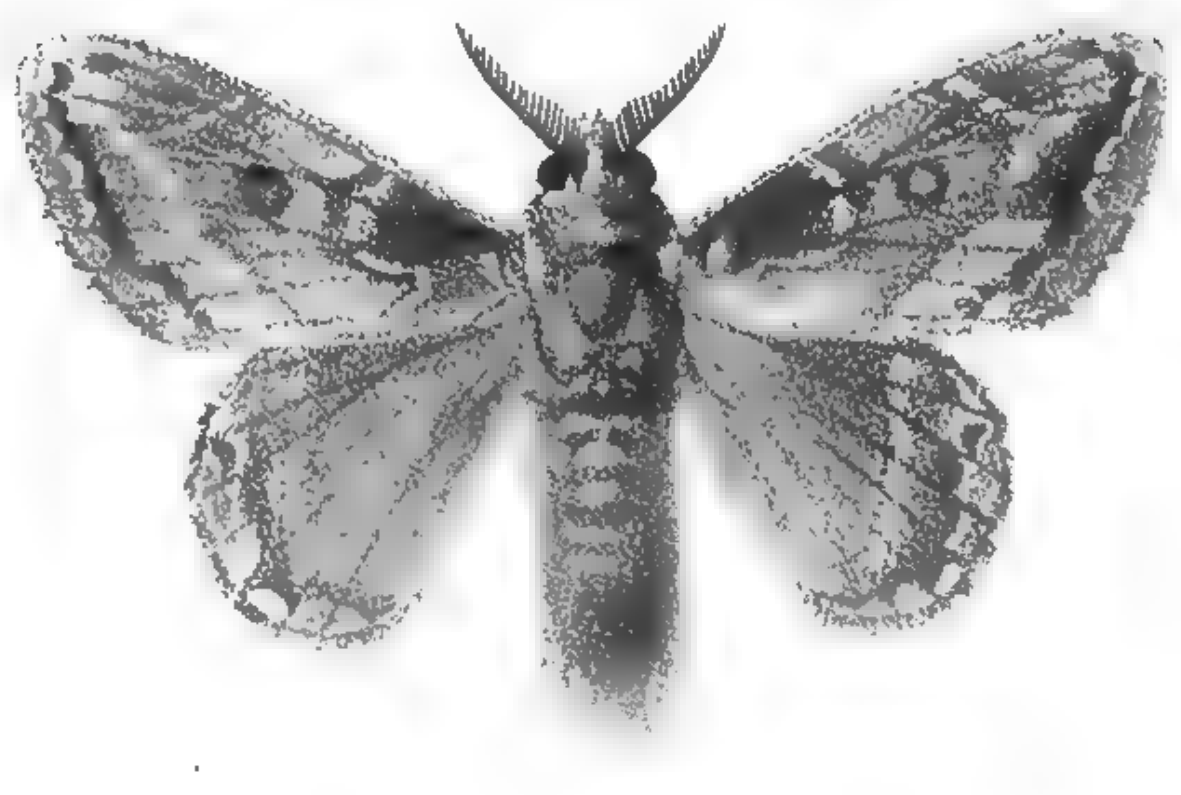
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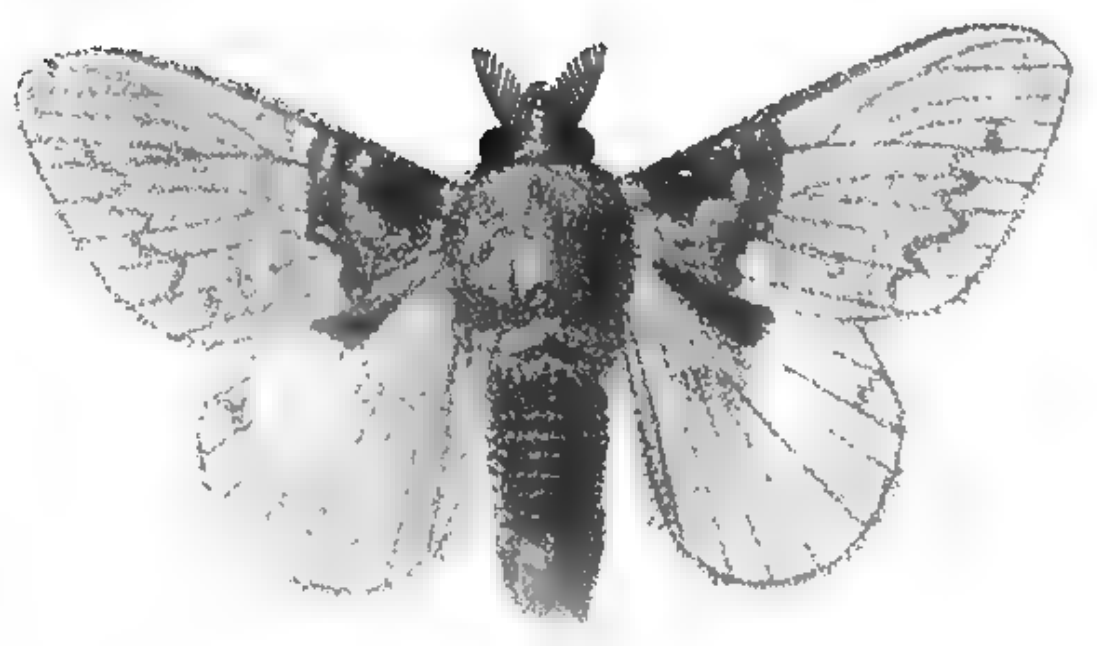
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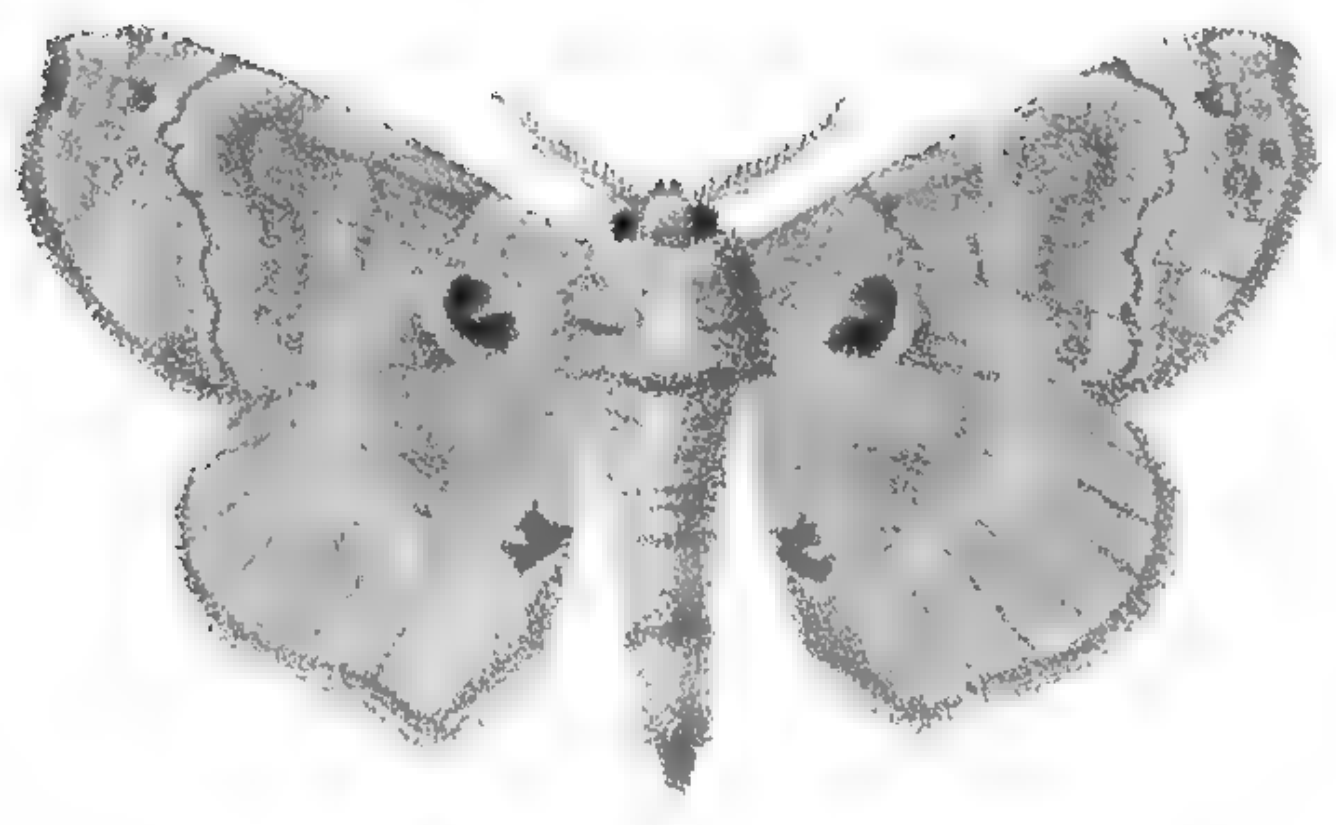
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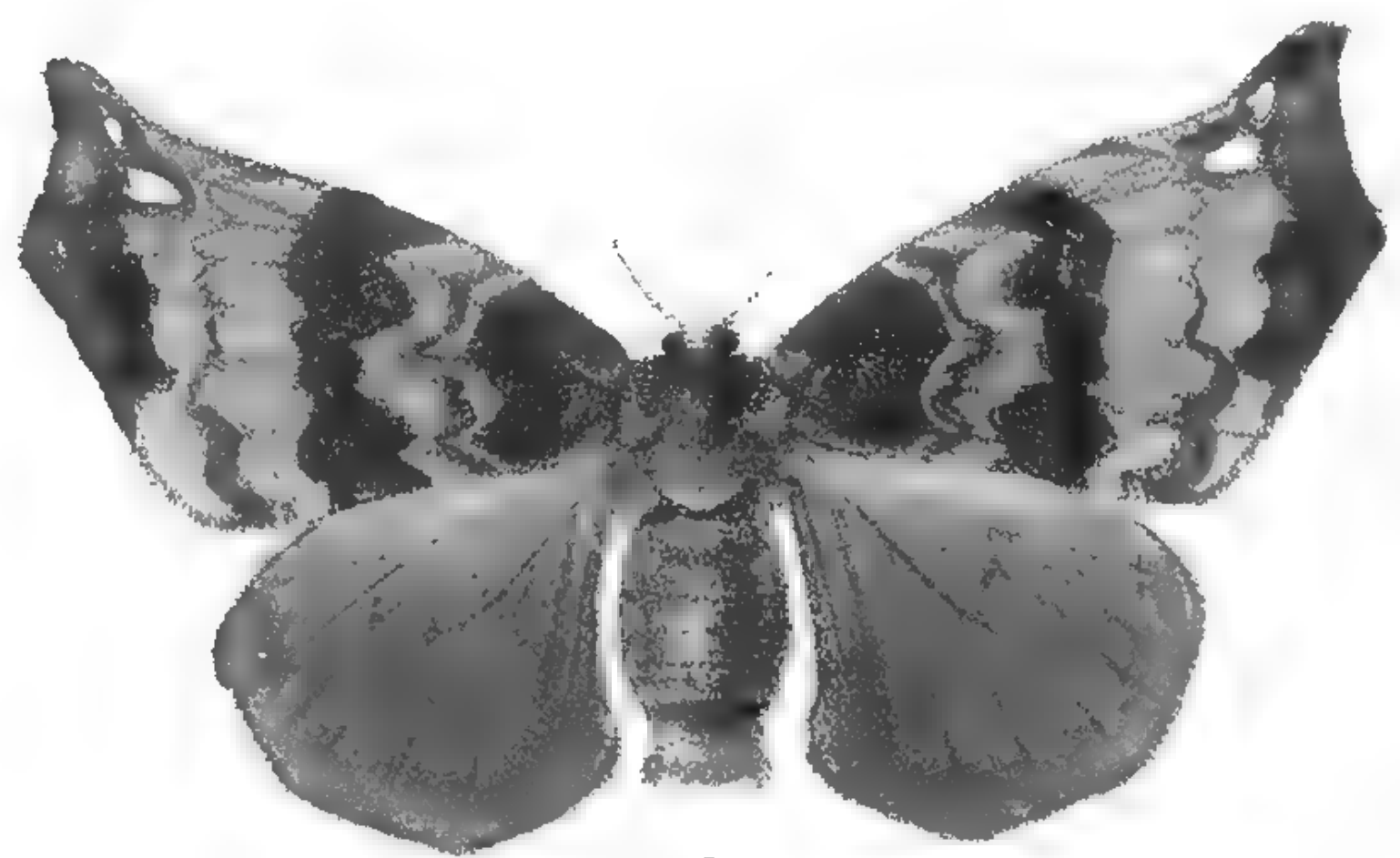
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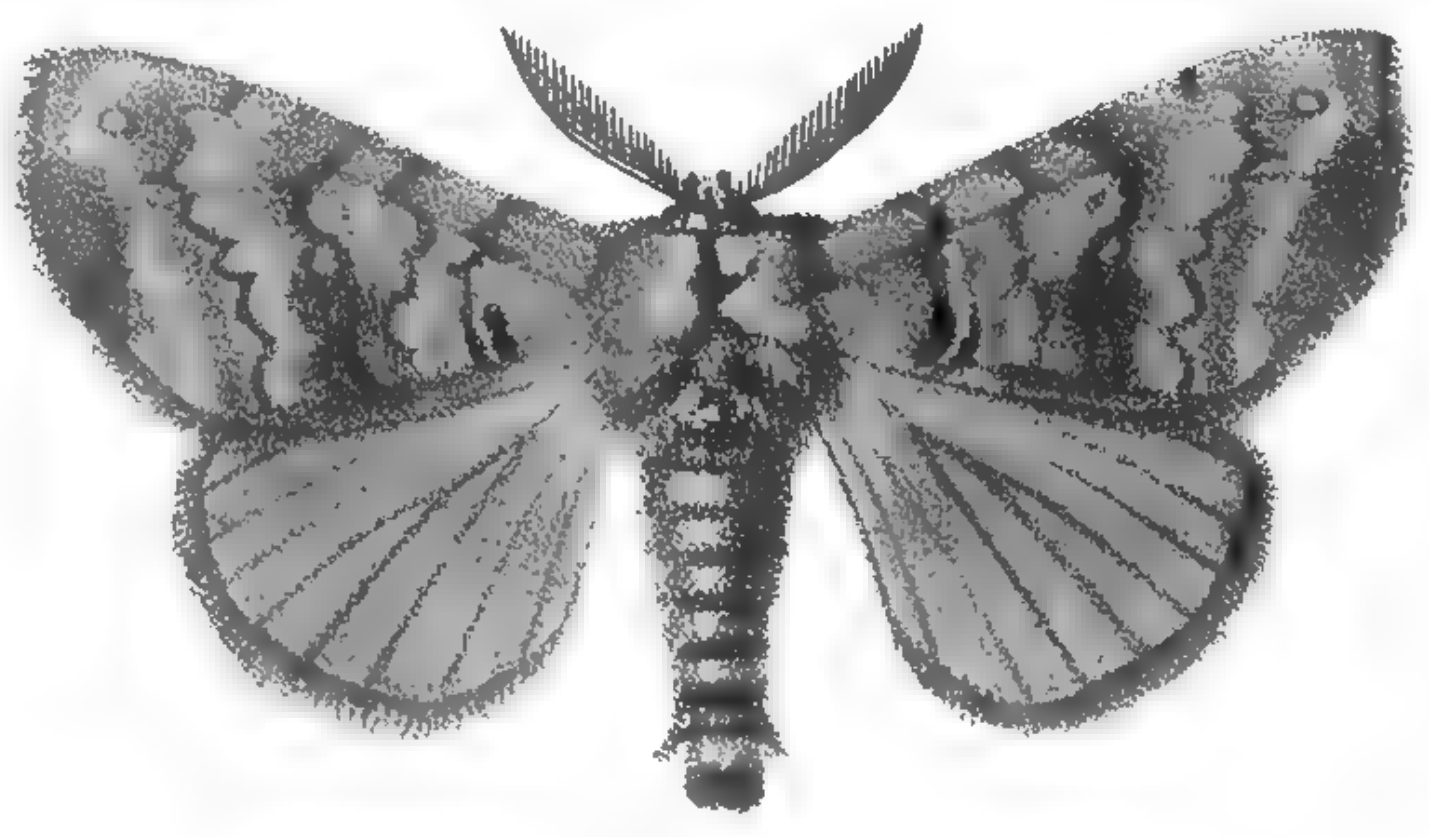
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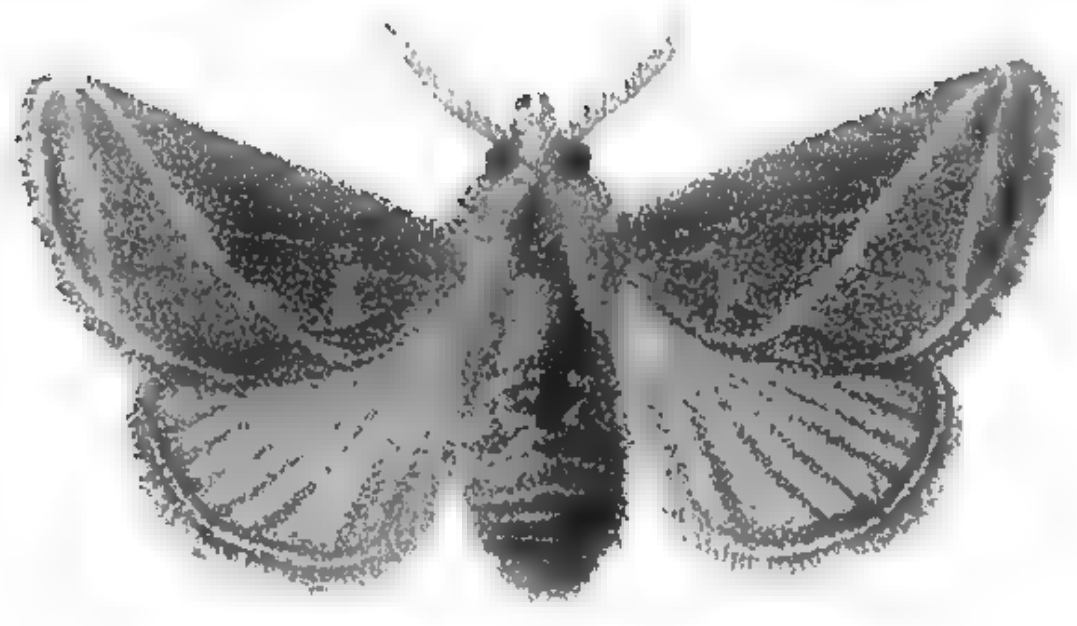
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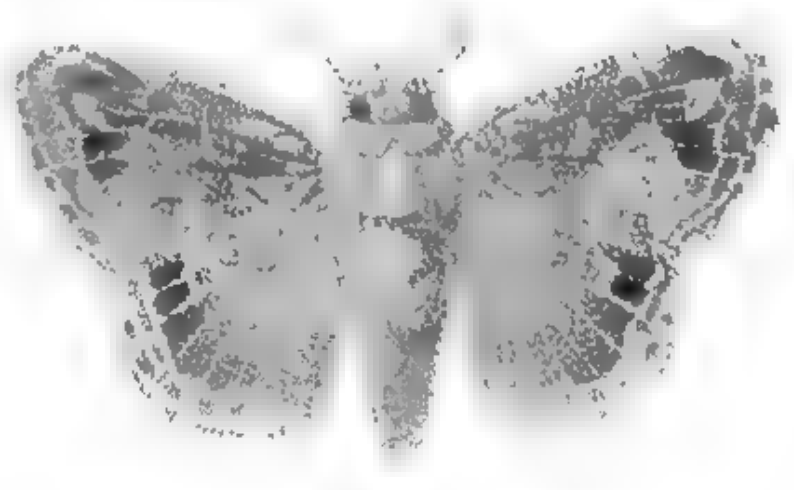
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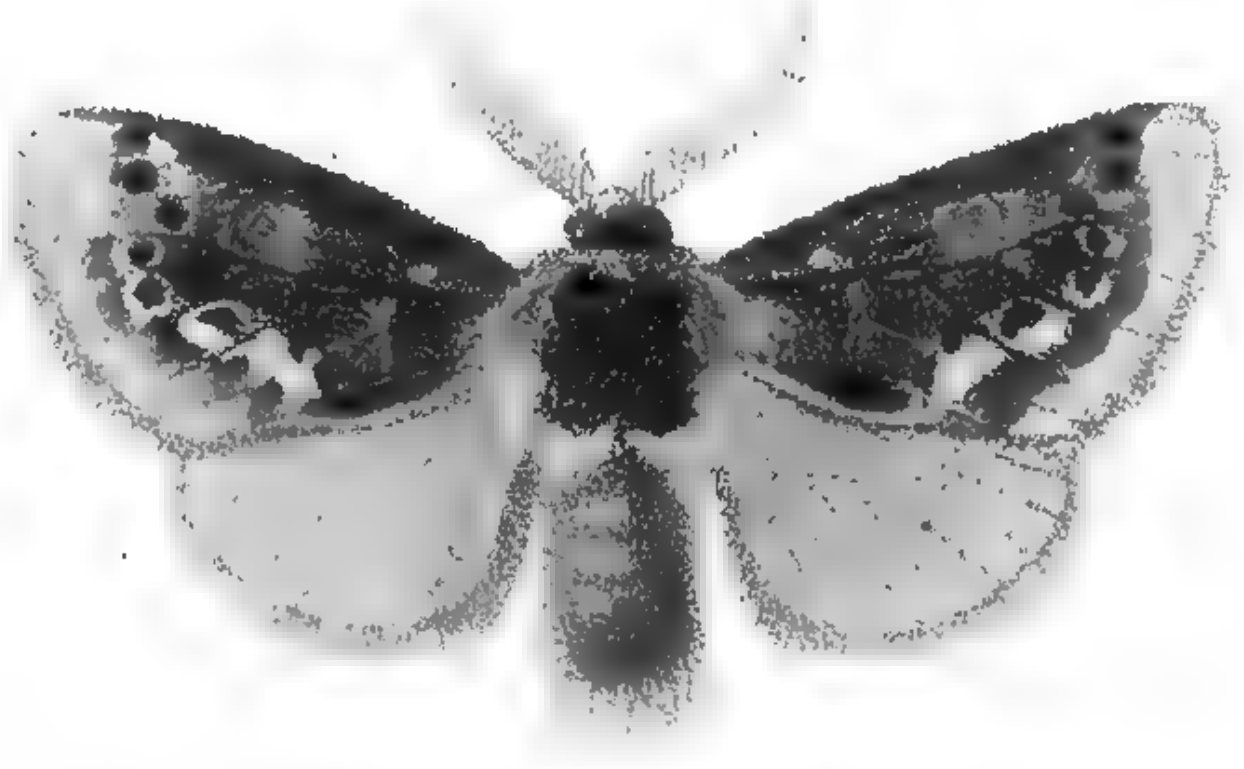
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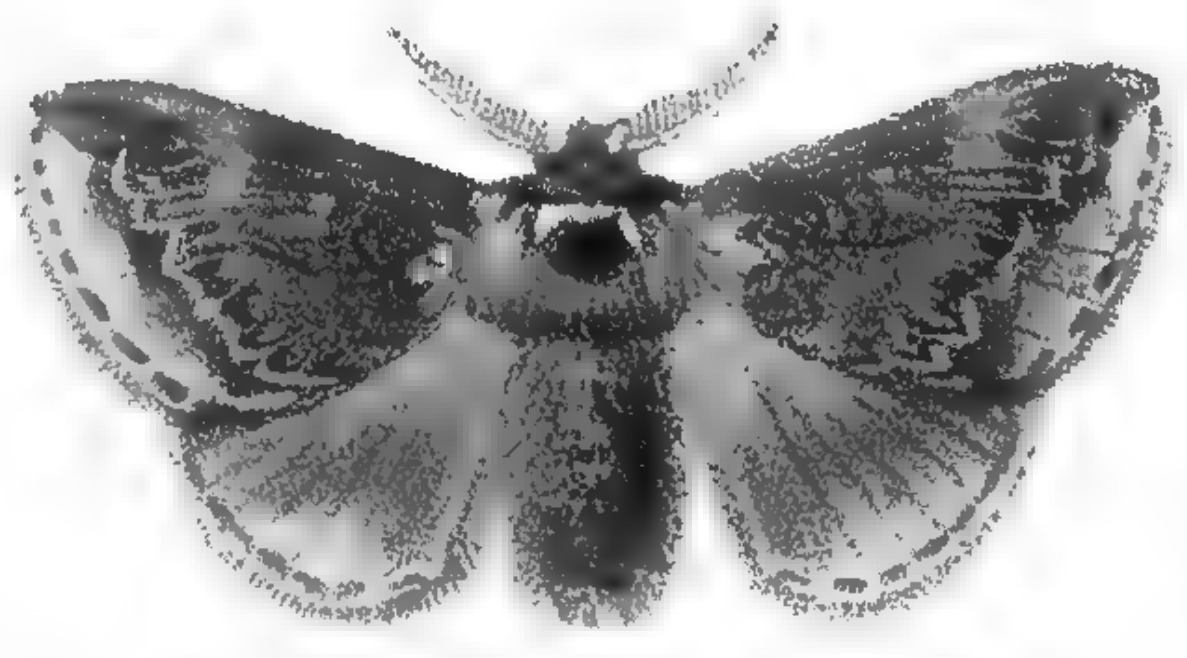
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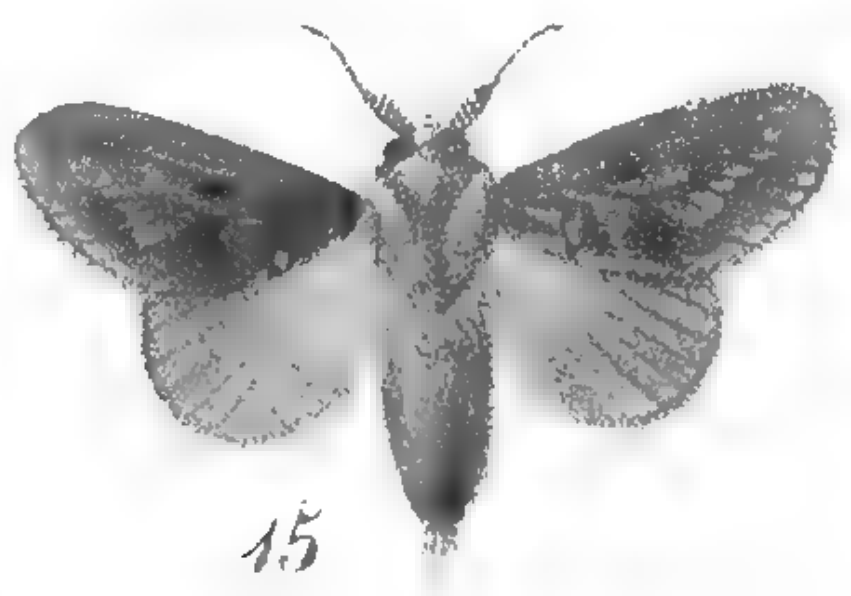
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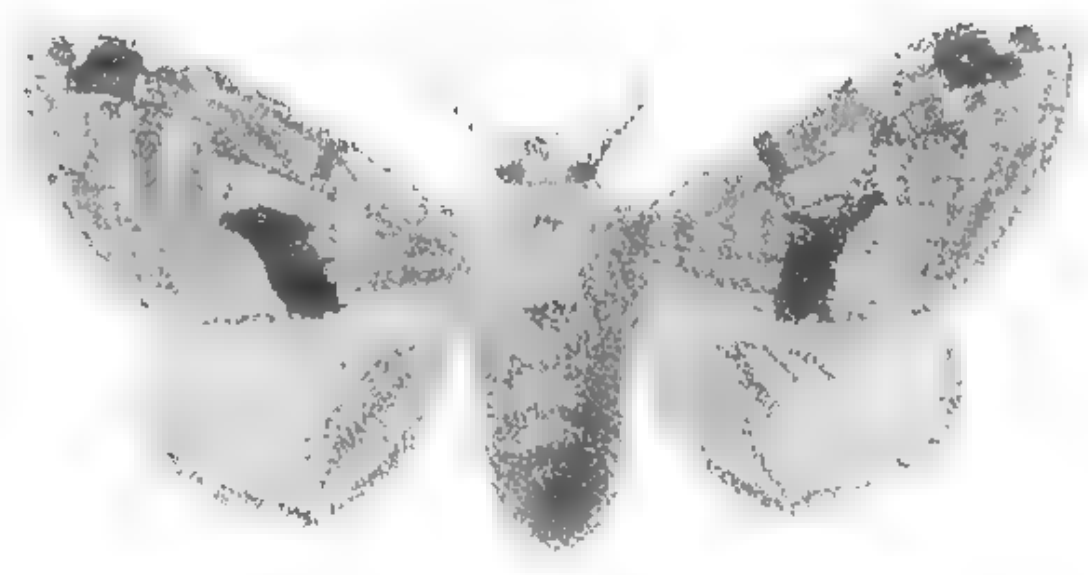
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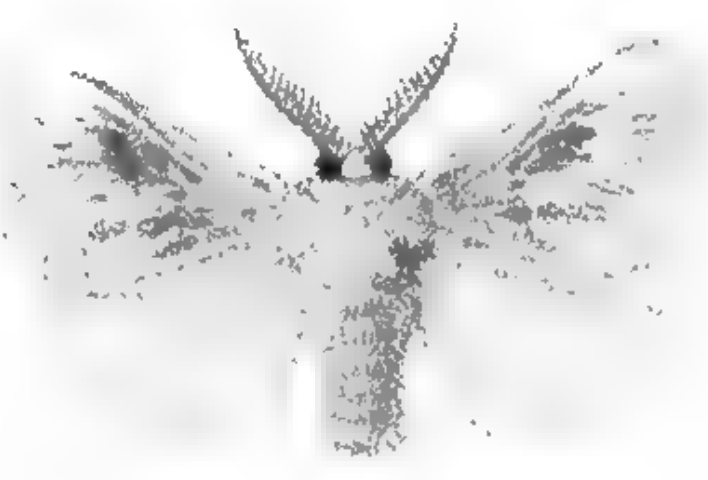
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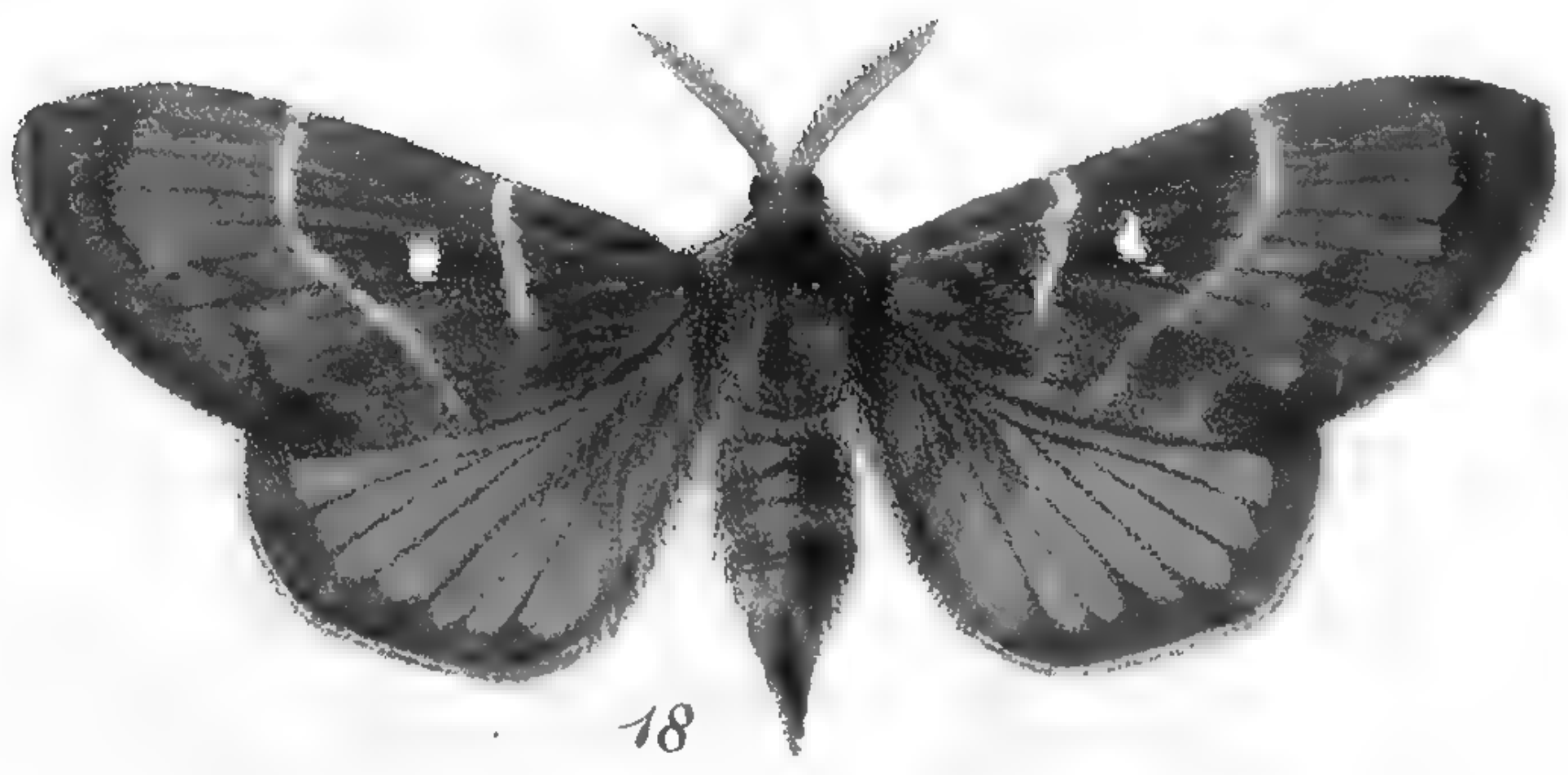
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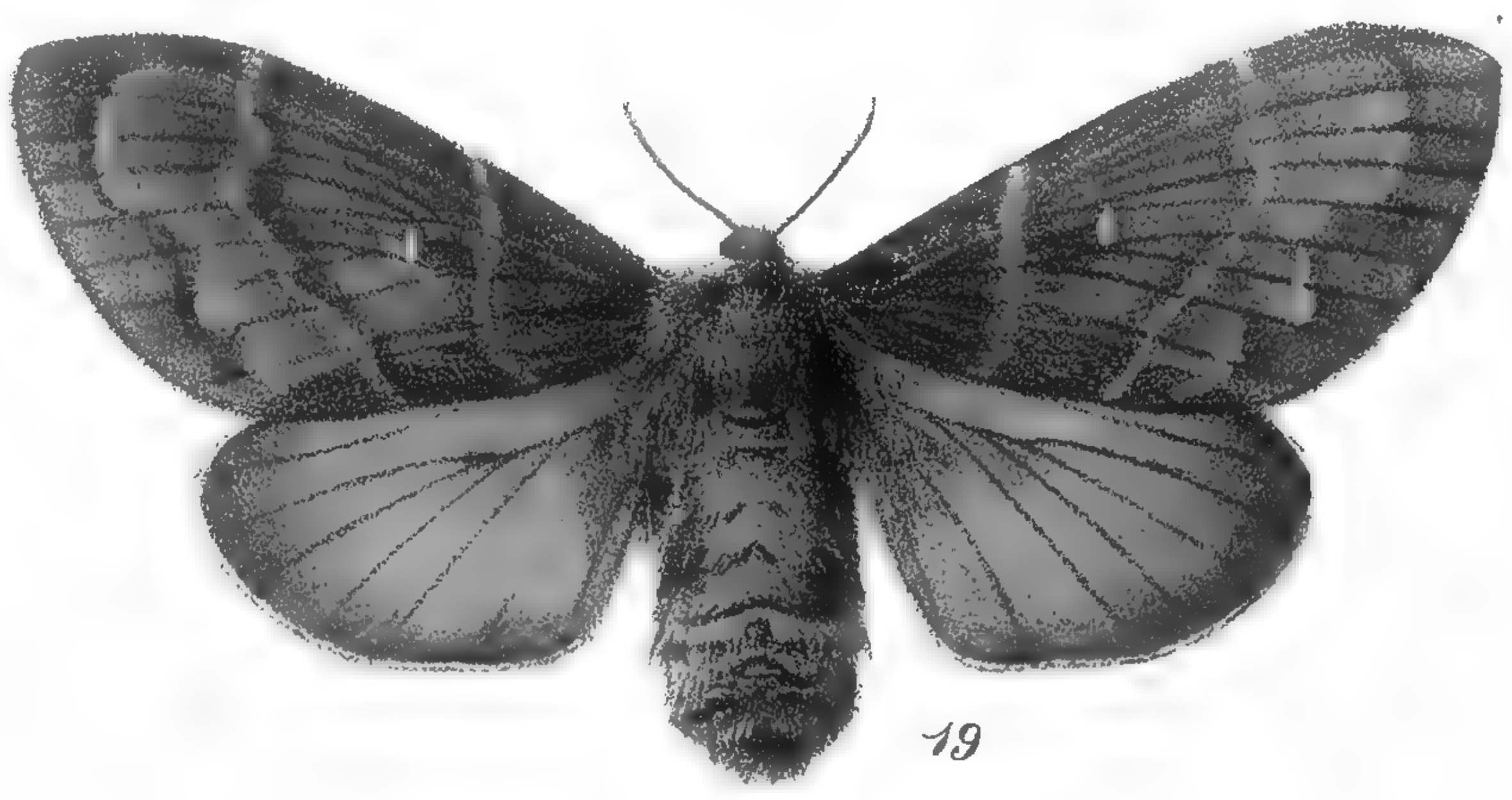
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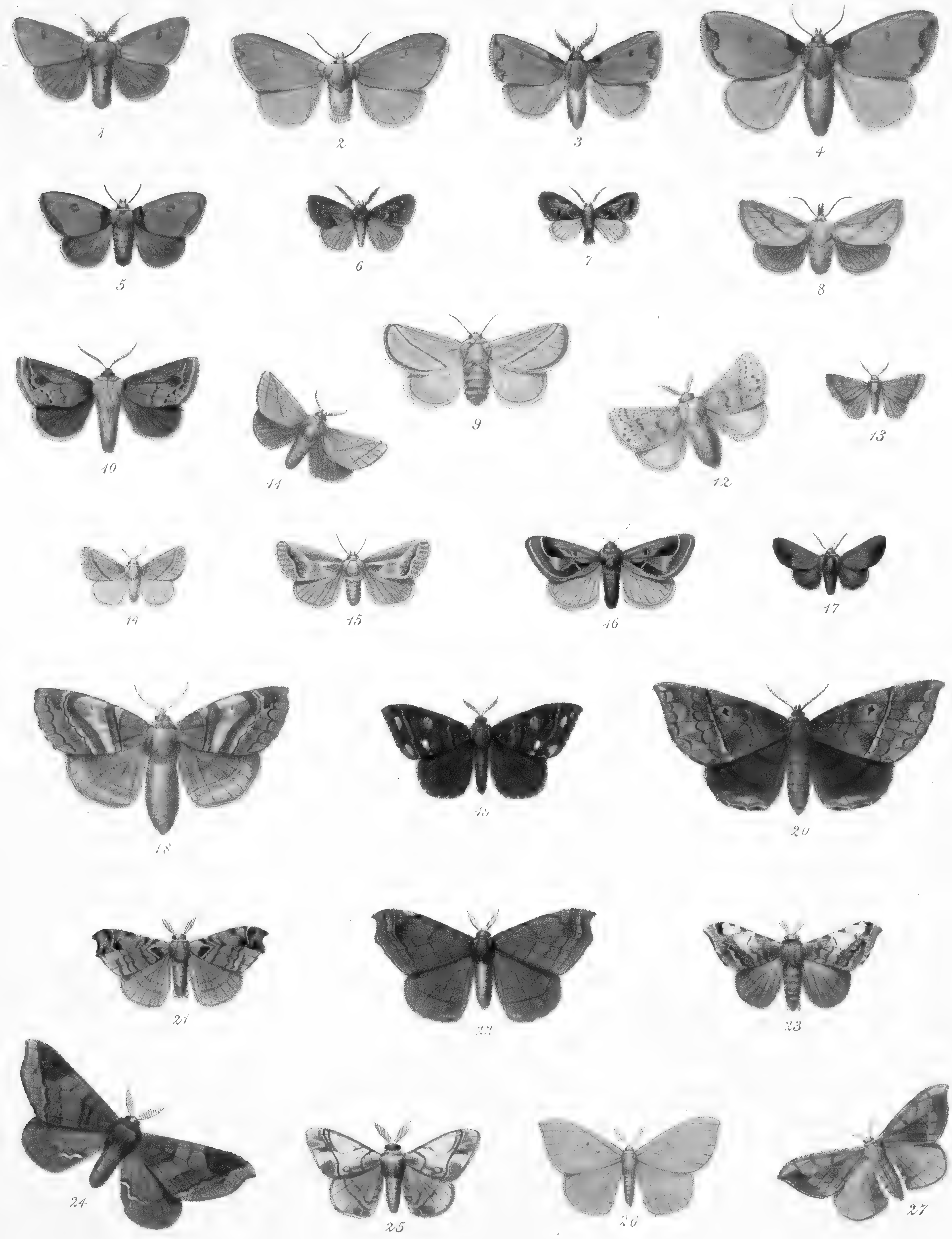
1 LEBEDA CHAMPIONI.
2 LASIOCAMPA THYATIRA.
3 CŒCULIA BELLA.
4♂,5♀ HYDRIAS LIMBA.
7 ~~6~~ „ LARUNDA.
6 ~~7~~ „ LARONIA.

8 APATELODES ADRASTIA
9 „ ARDEOLA.
10 „ HEPTALOBA.
11 TRABALA (?) FUSCA.
12 OCHA LAUDA.

13 ALPIS ALYDDA.
14 „ SALACIA
15 SIBINE NORBA
16 ECHEDORUS NANUS.
17 LAGOA RAVIDA
18♂ 19♀ GLOVERIA VENERABILIS.

W. Purkiss lith.   Hanhart imp.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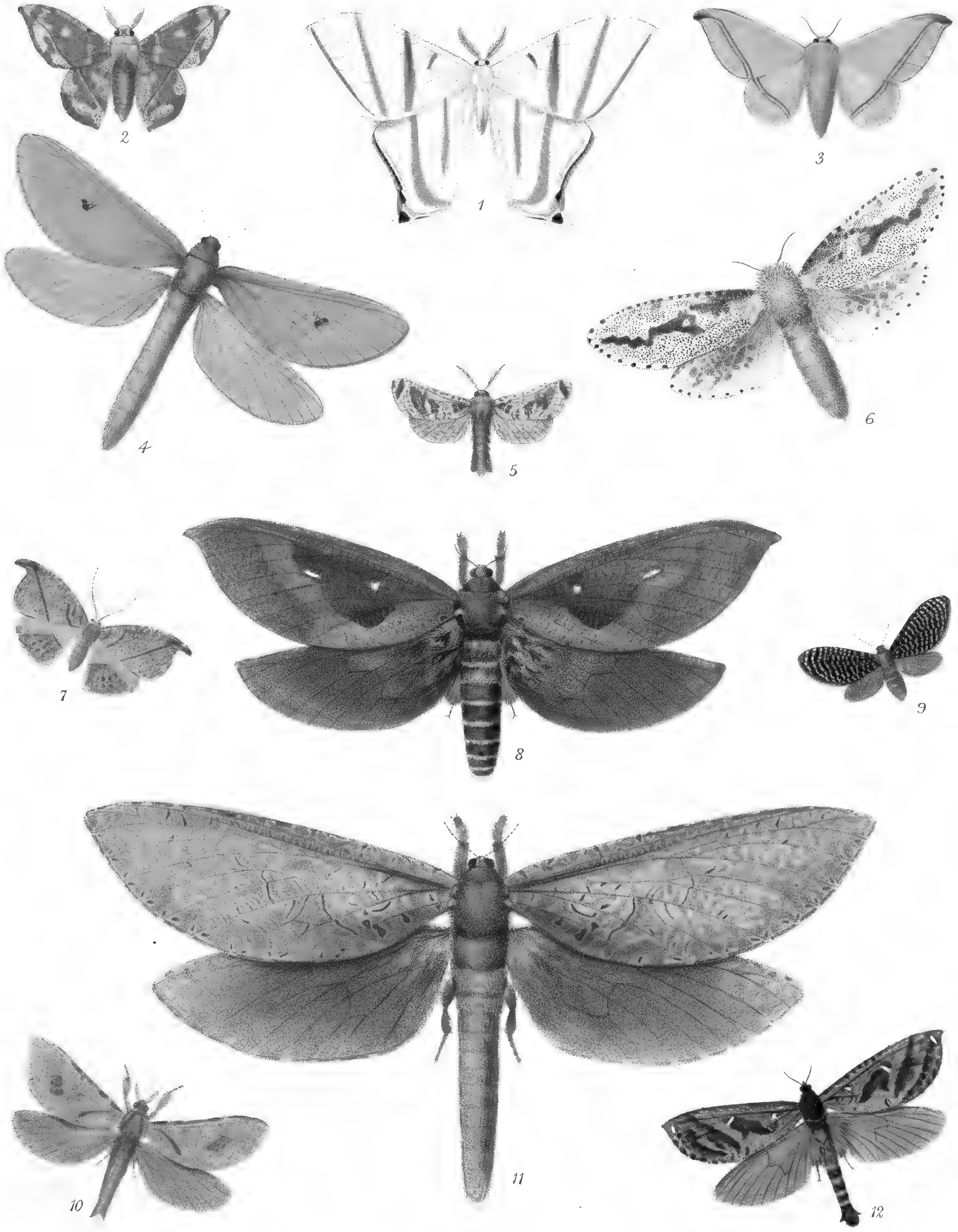
1♀, 2♀ PARASA LARANDA.
3♂, 4♀ „ IMITATA.
5♀ „ LAONOME.
6♂ EUCLEA URBA.
7♂ „ ZYGIA.
8♂, 9♀ VIPSANIA ANTICLEA.
10♂ EUPALIA ARGENTEA.

11 PEROLA DAONA.
12 „ DORA.
13 „ CARIA.
14 „ ELÆA.
15 „ CERES.
16 SEMYRA DIVERSA.
17 „ (?) DIANA.

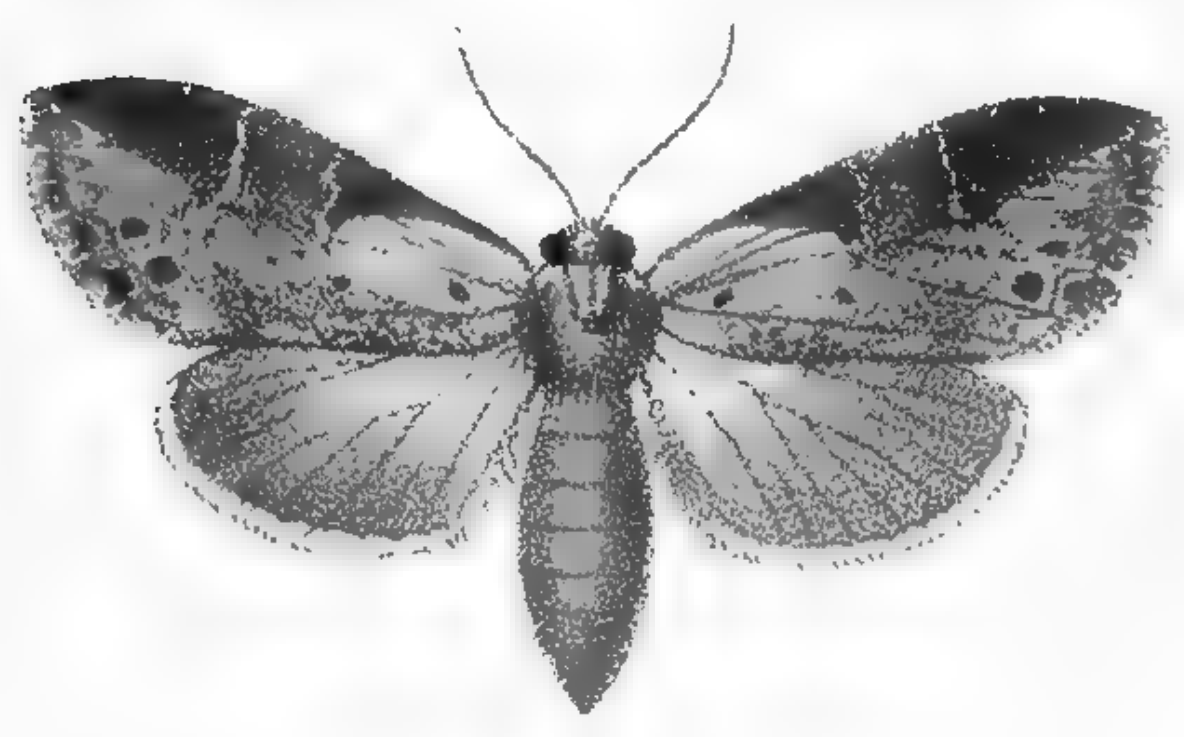
18 ZANOLA HARPIS.
19♂, 20♀ TARCHON FELDERI.
21♂, 22♀ CARTHARA VECA.
23♂, 24♀ „ LIVIDIA.
25 ANTHOCROCA CASNONIA.
26 ANTICLA ORTYGIA.
27 „ CARYA.

W. Purkiss lith.
Hanhart imp.
451.



1 ASTHENIDIA TRANSVERSARIA.
2♂ PEROPHORA FABIA.
3♀ " HEGEWISCHI.
4 PHASSUS COSTARICENSIS
5 LANGSDORFIA FORRERI.
6♀ ZEUZERA COGNATA,
7♀ DREPANA CHAONIA.
8♂ PHASSUS PHALERUS.
9 COSSUS (?) MULTIPUNCTATA.
10 DALACA ASSA.
11 PHASSUS CHAMPIONI.
12♂ HEPIALUS PHARUS.

W. Purkiss lith.
Hanhart imp
457.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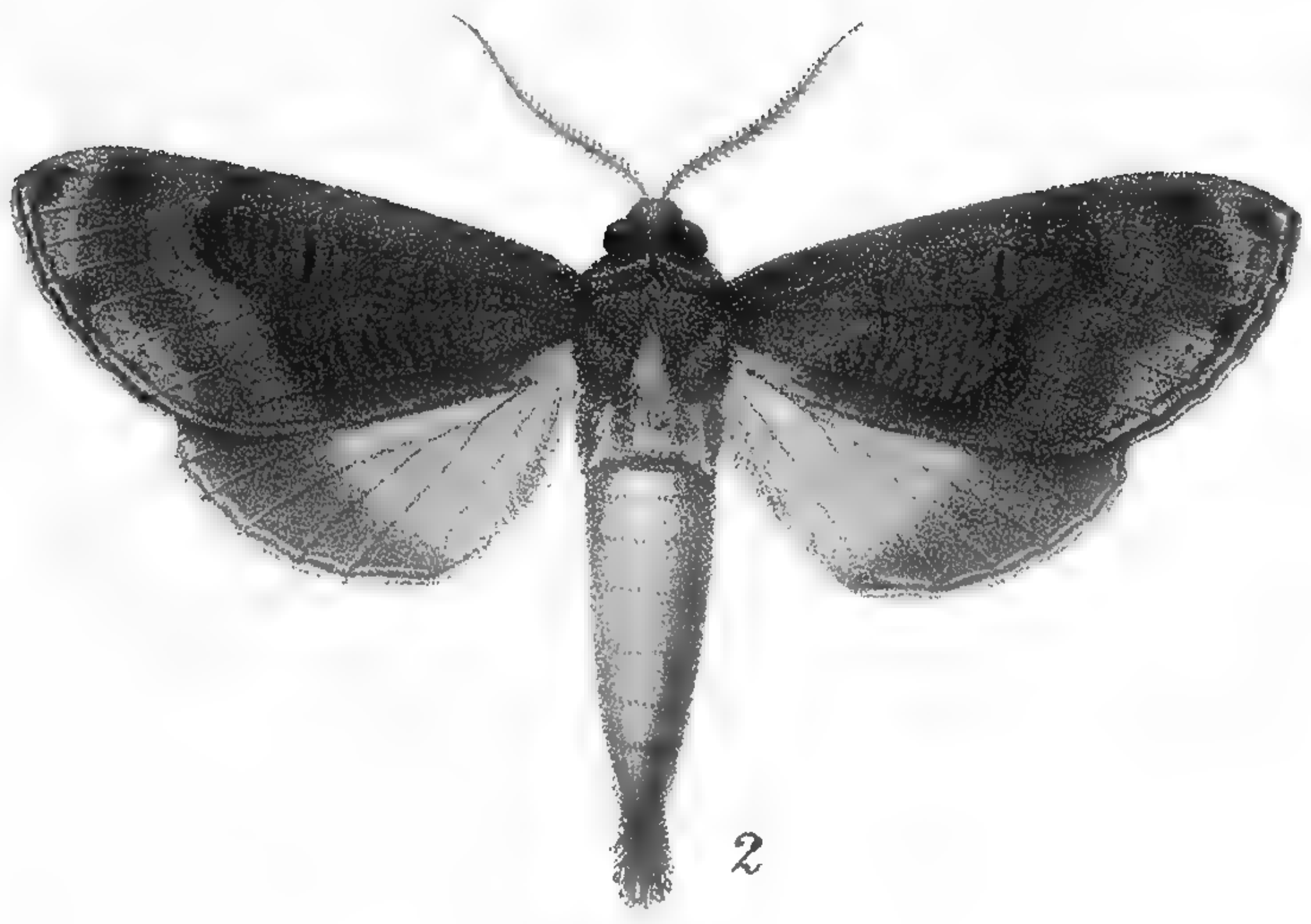
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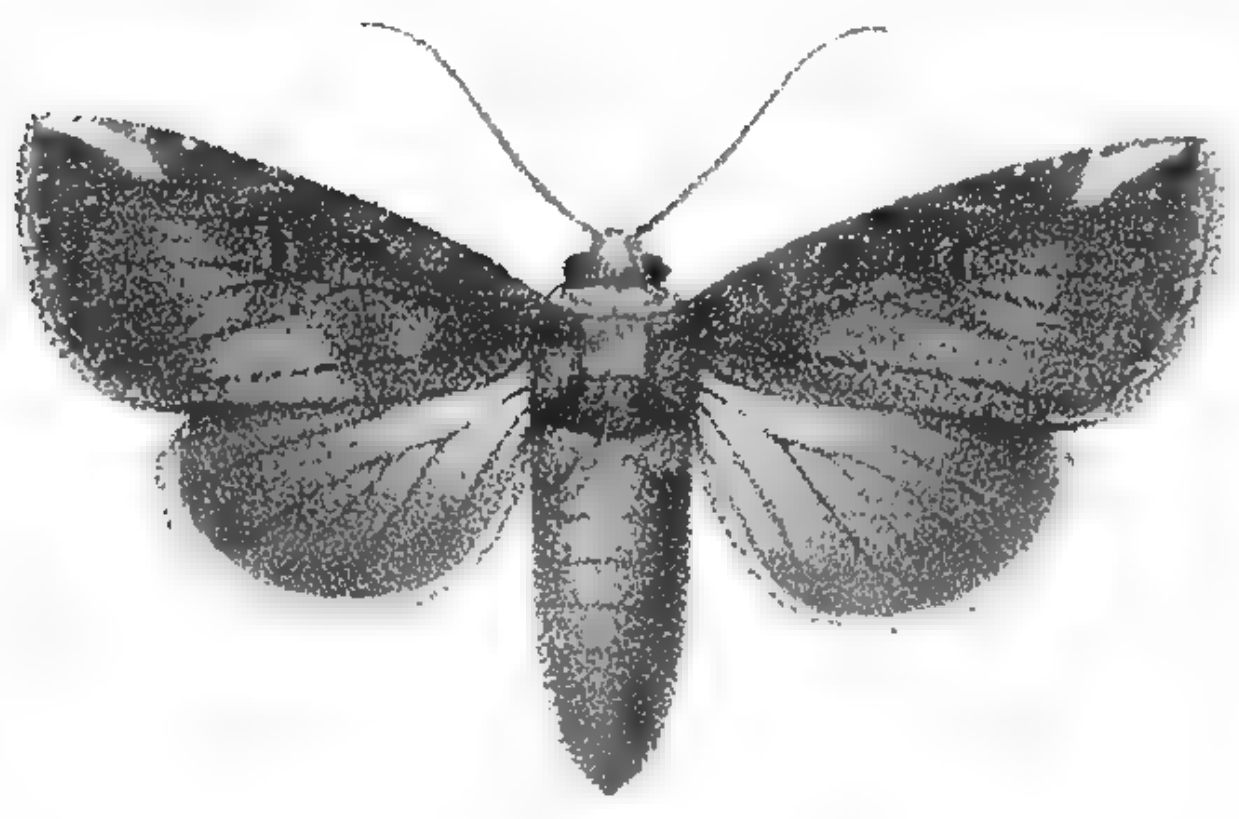
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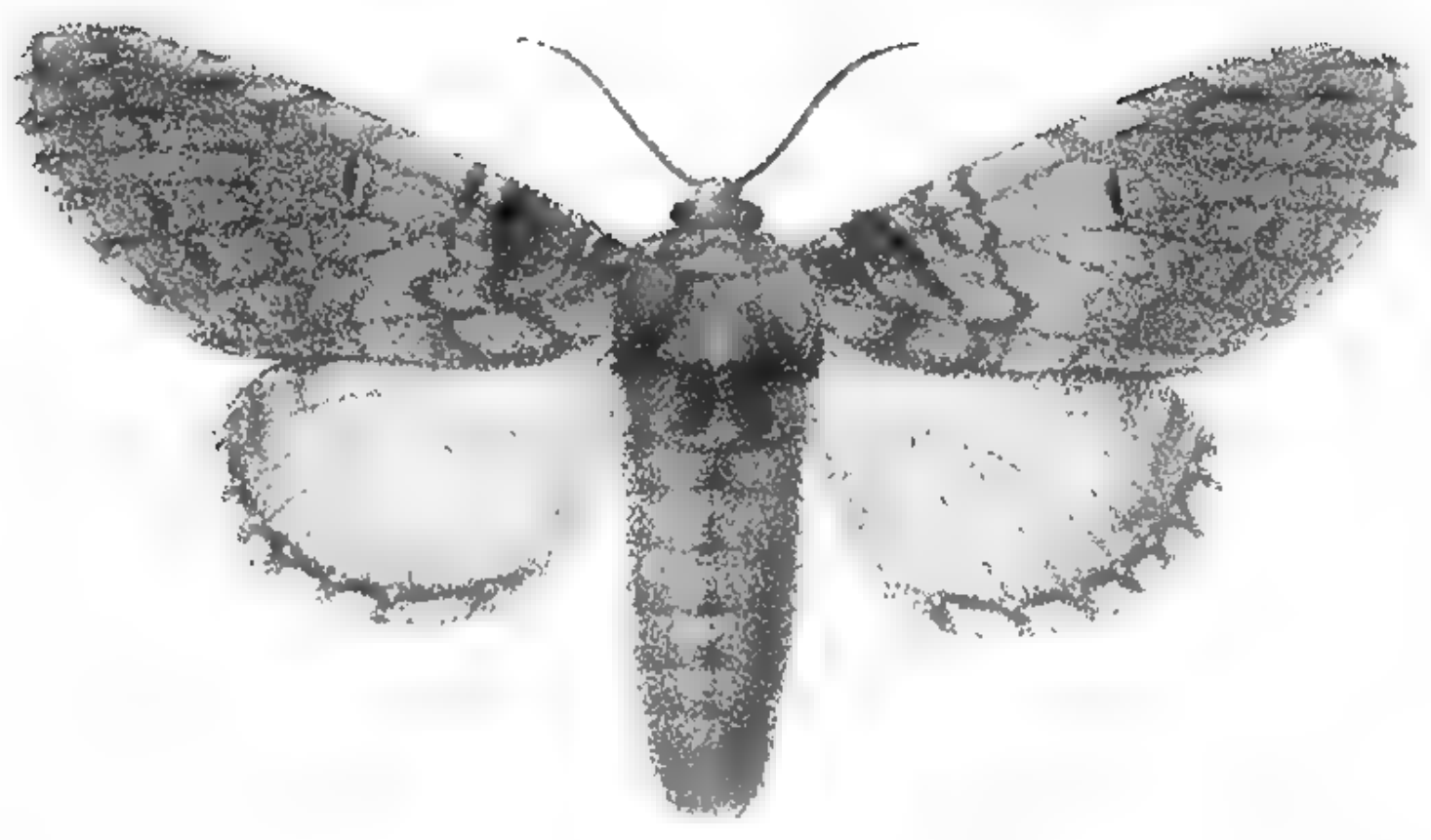
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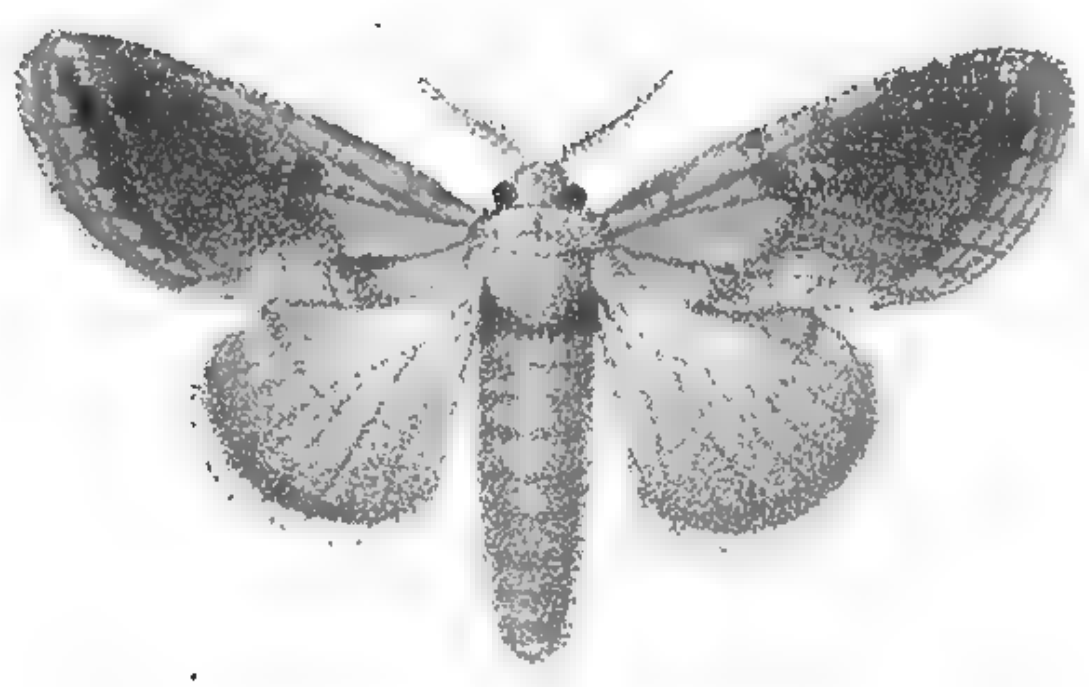
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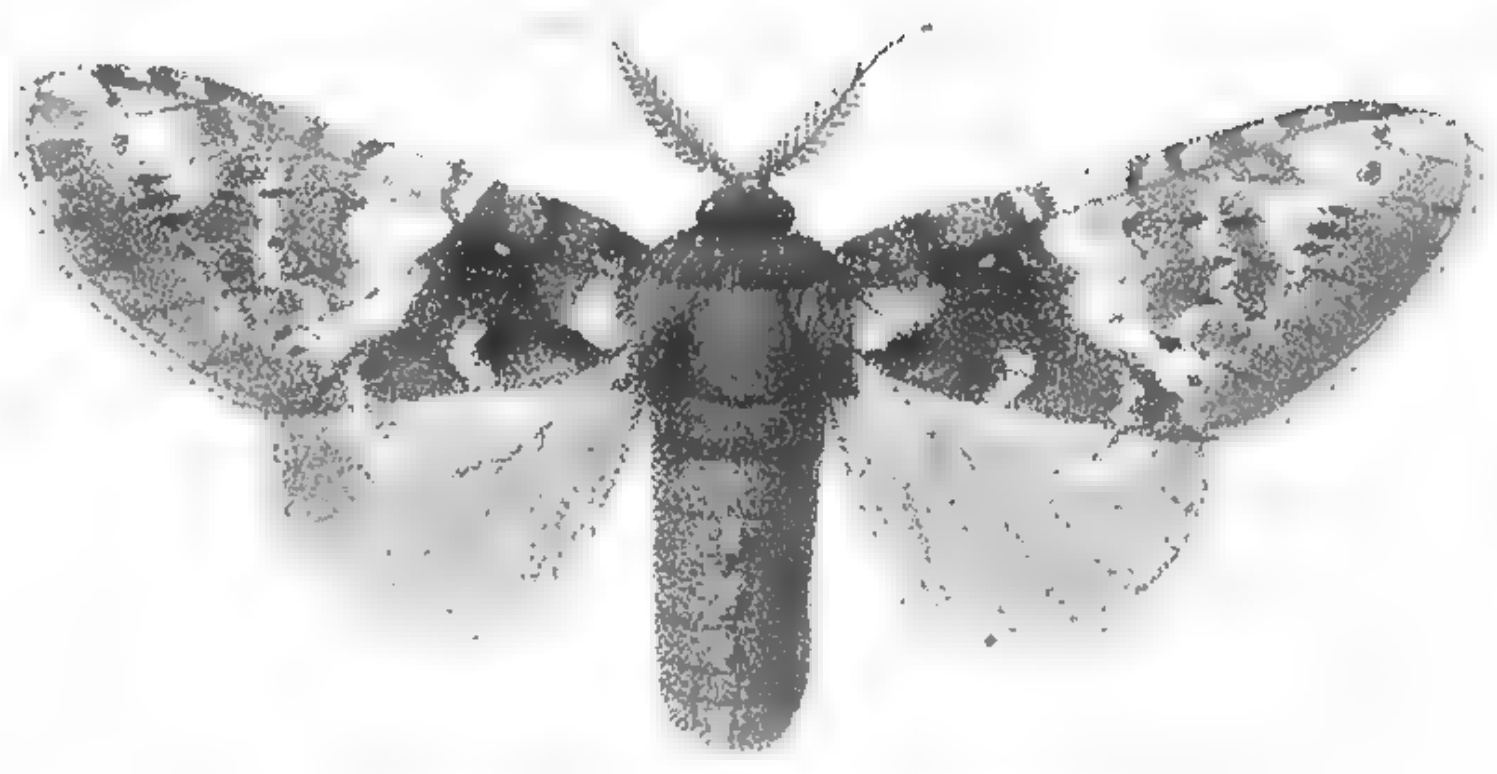
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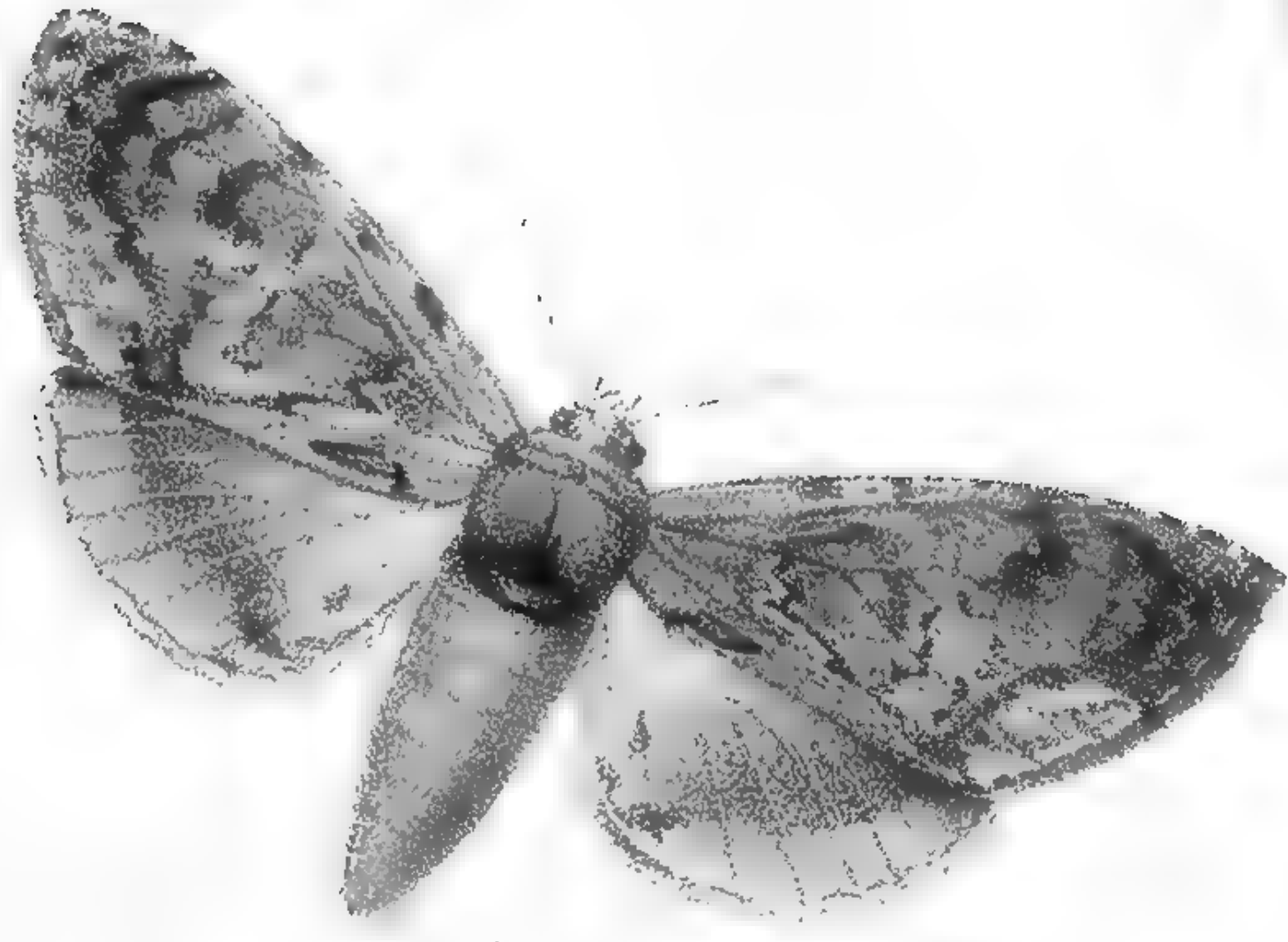
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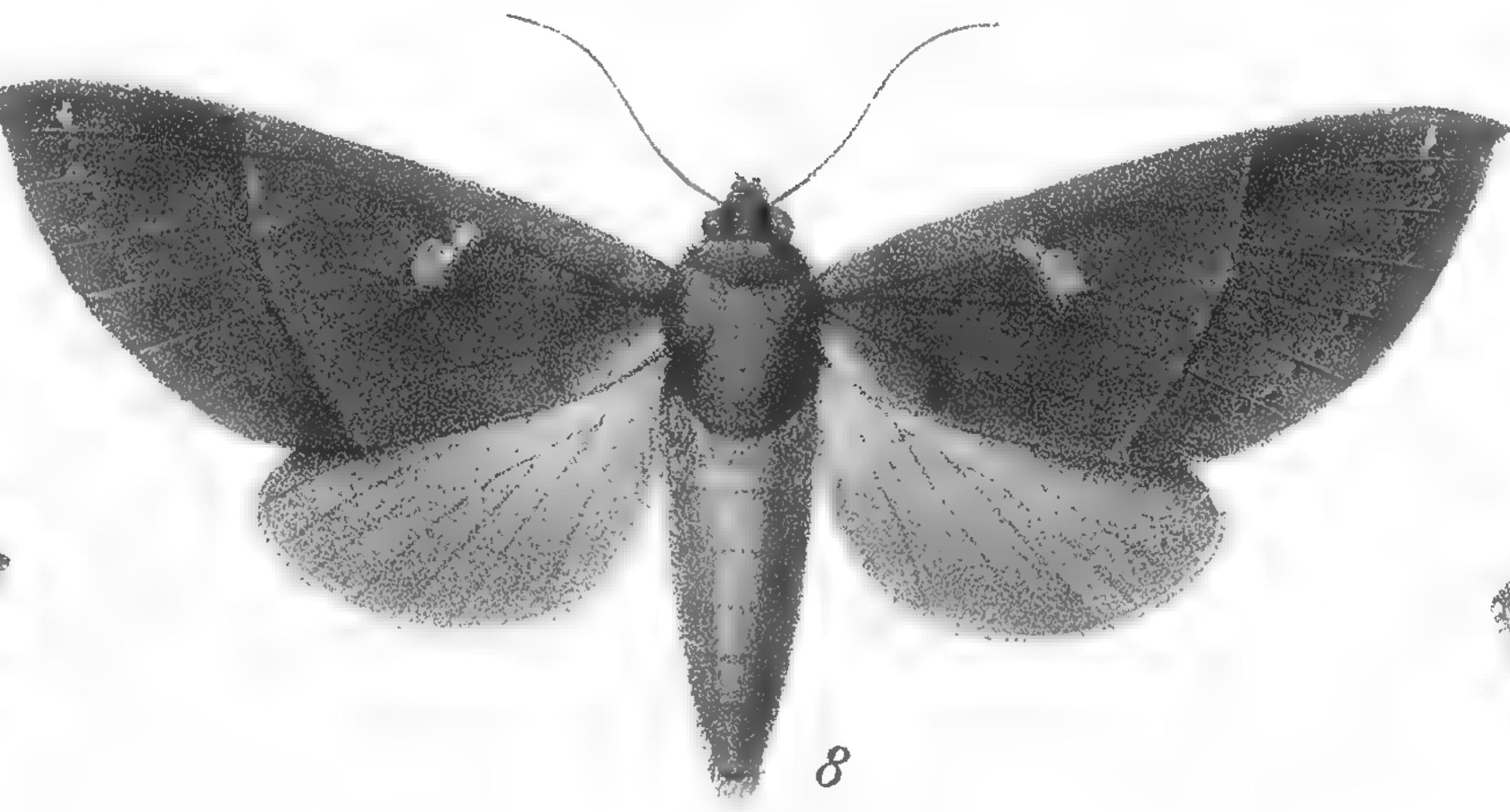
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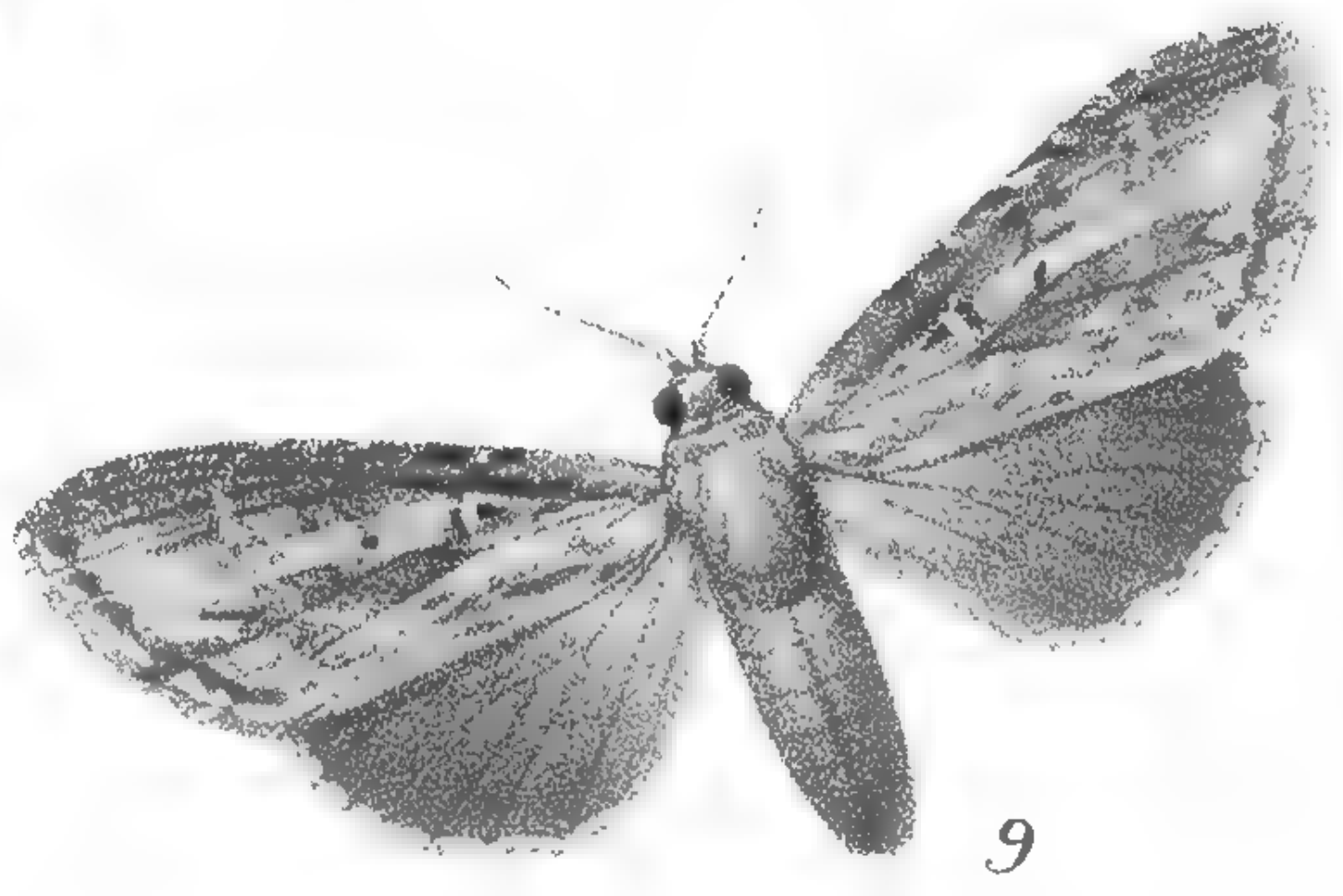
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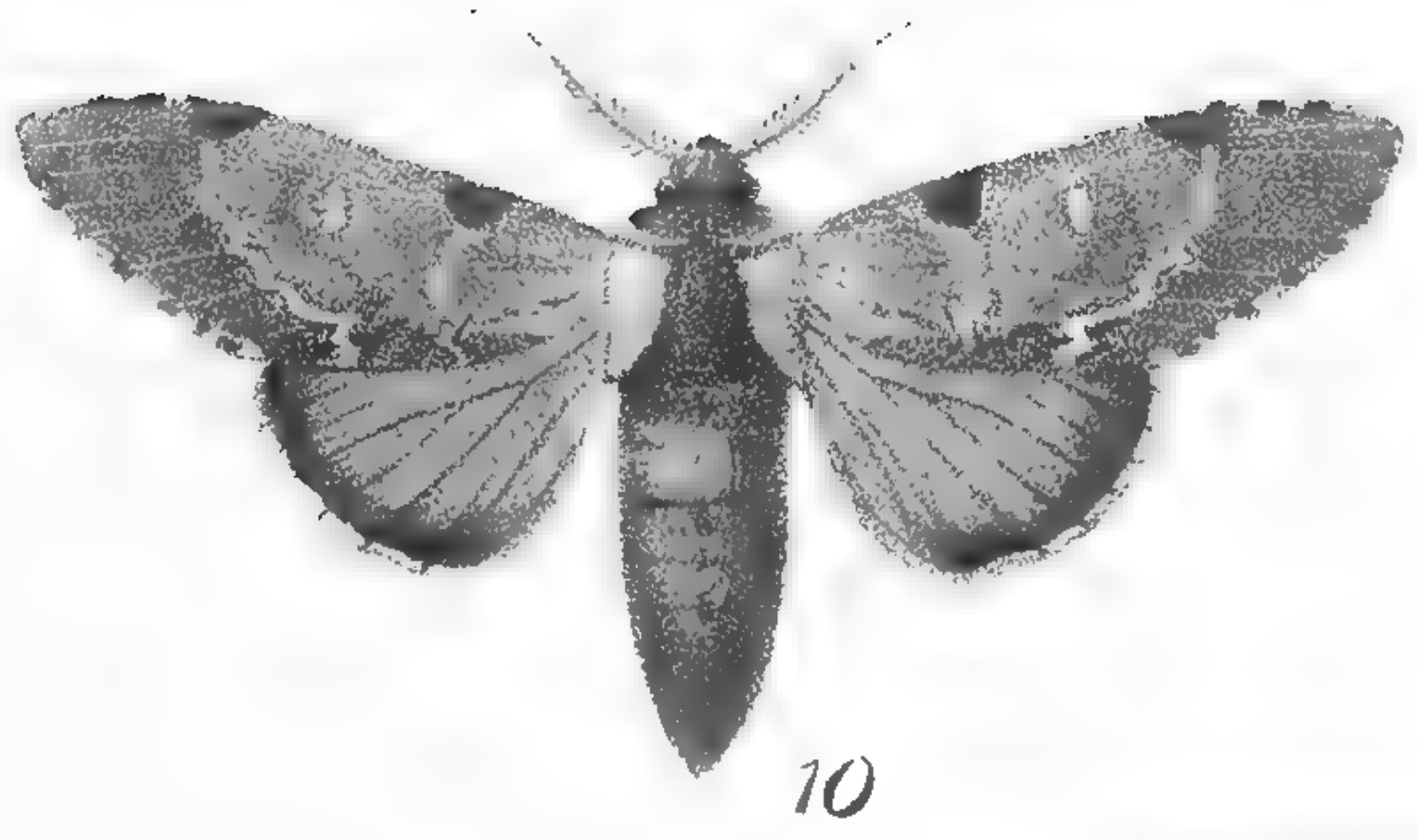
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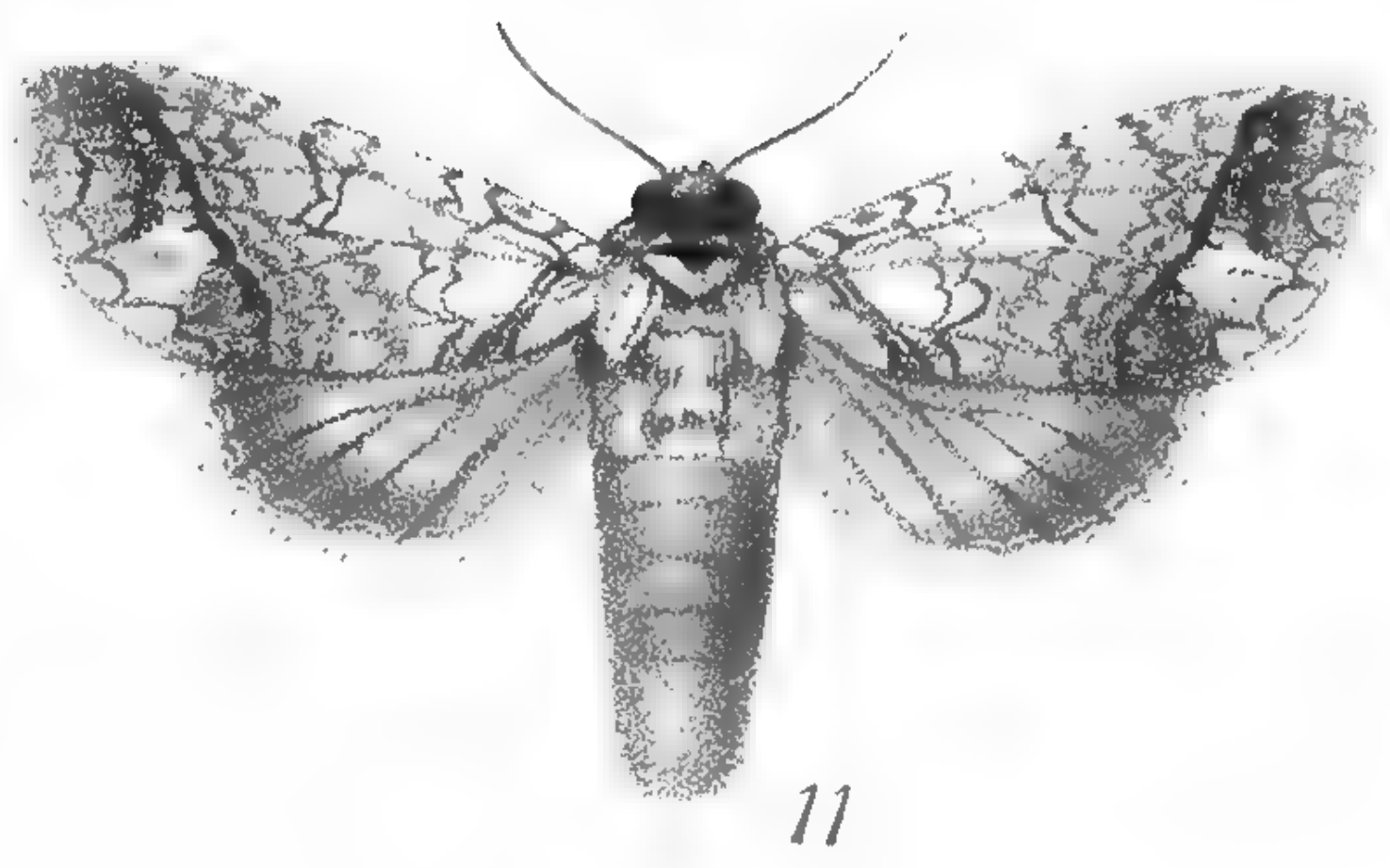
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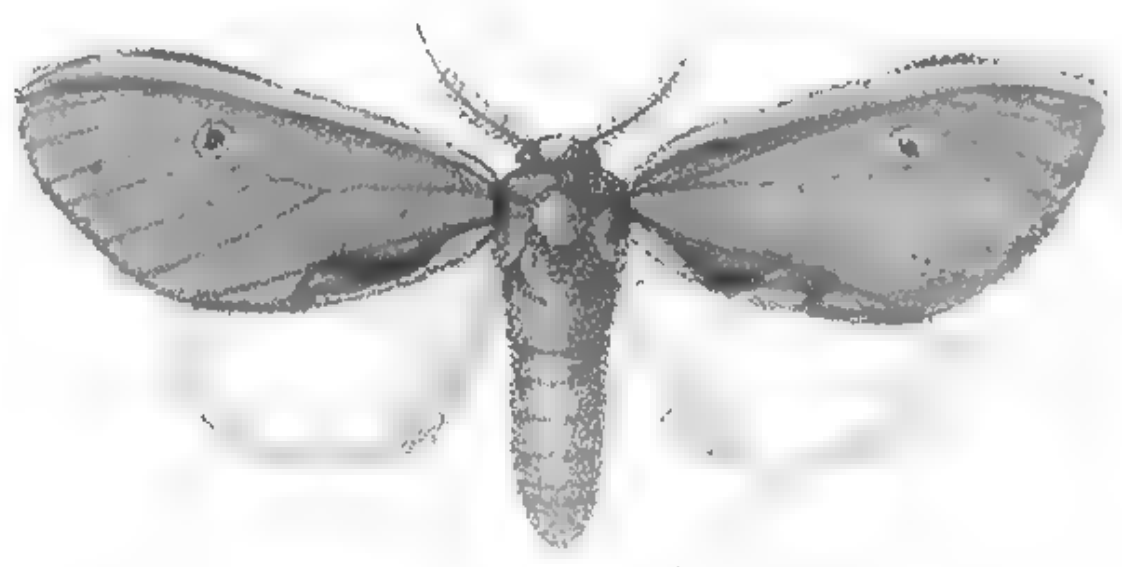
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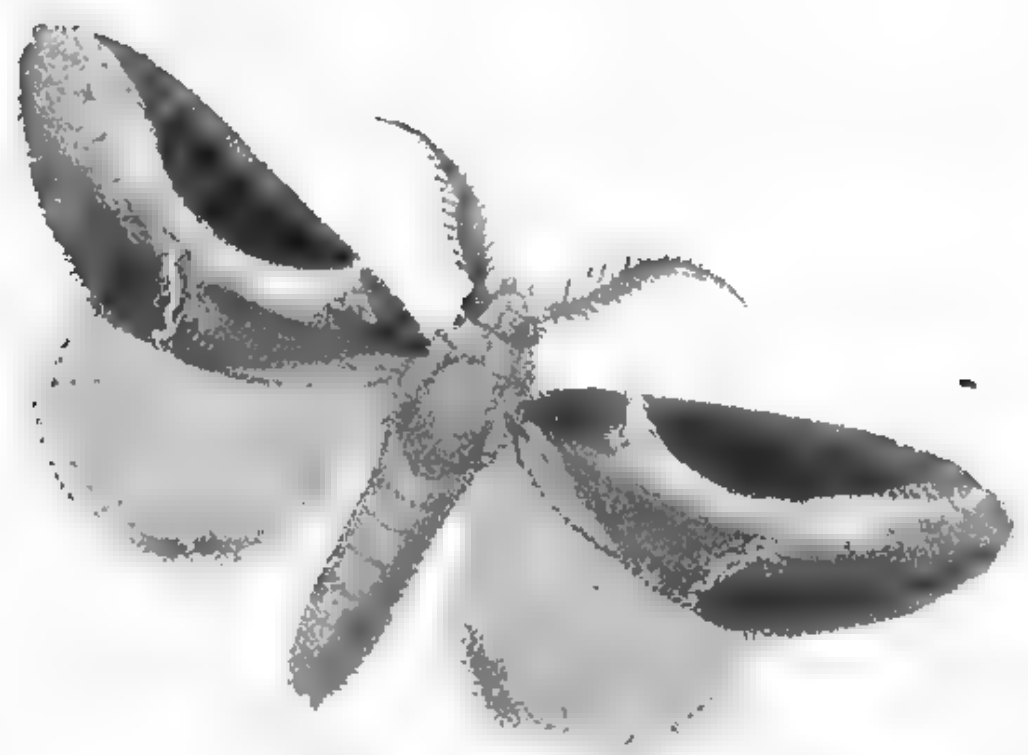
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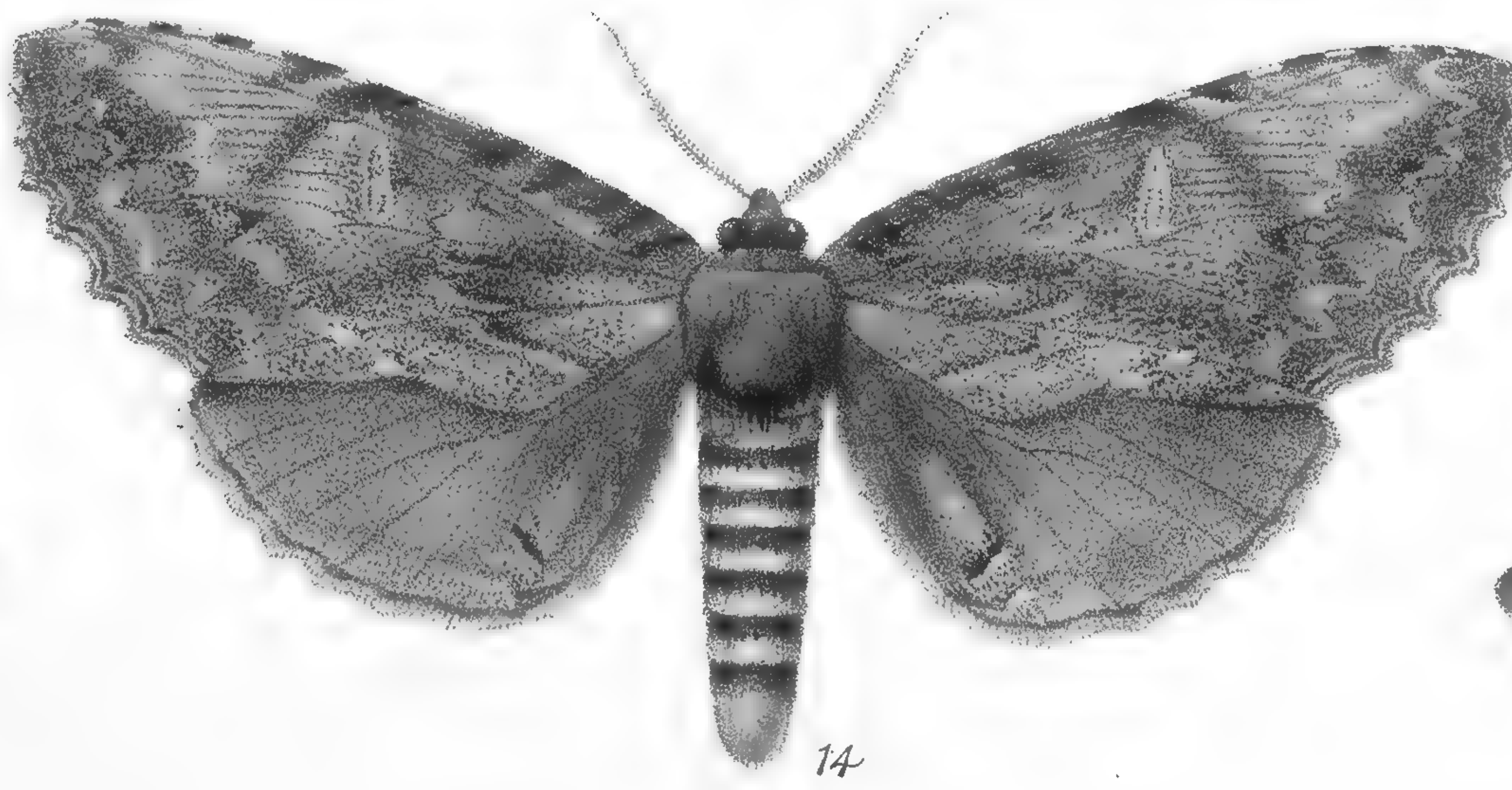
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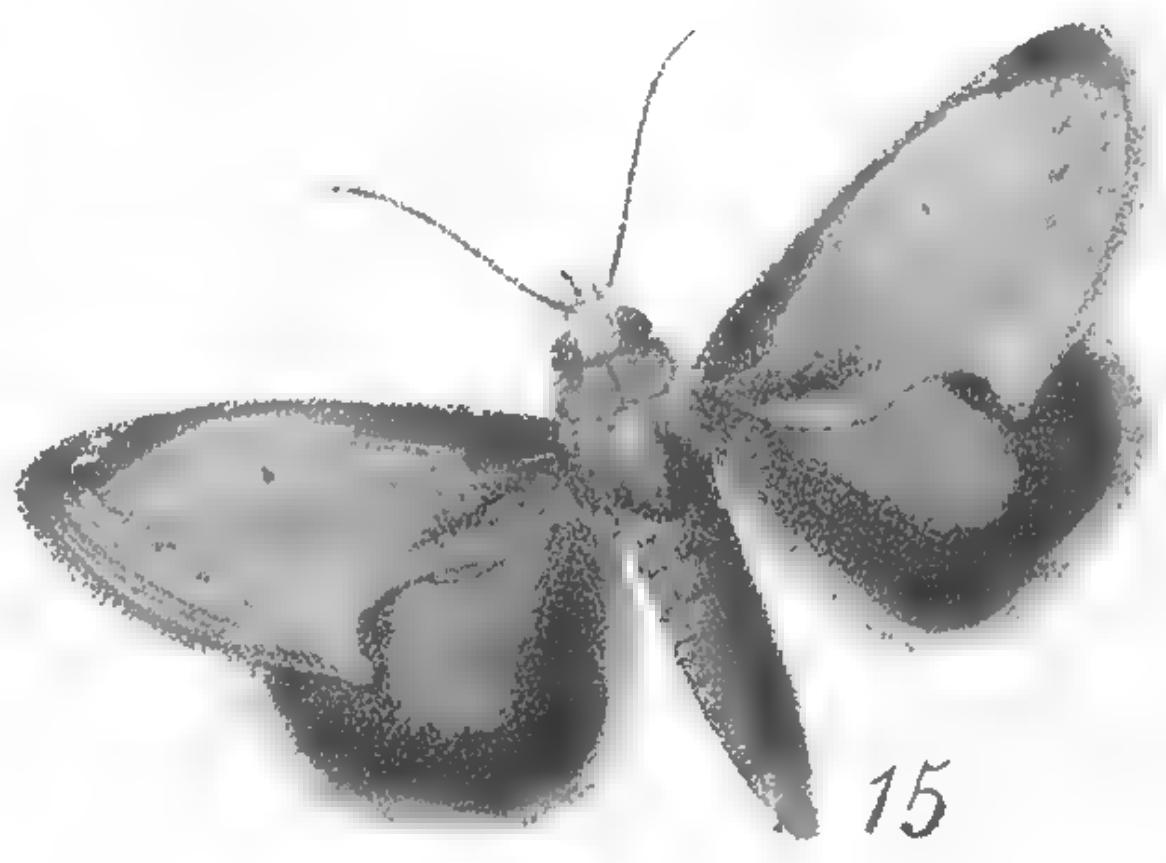
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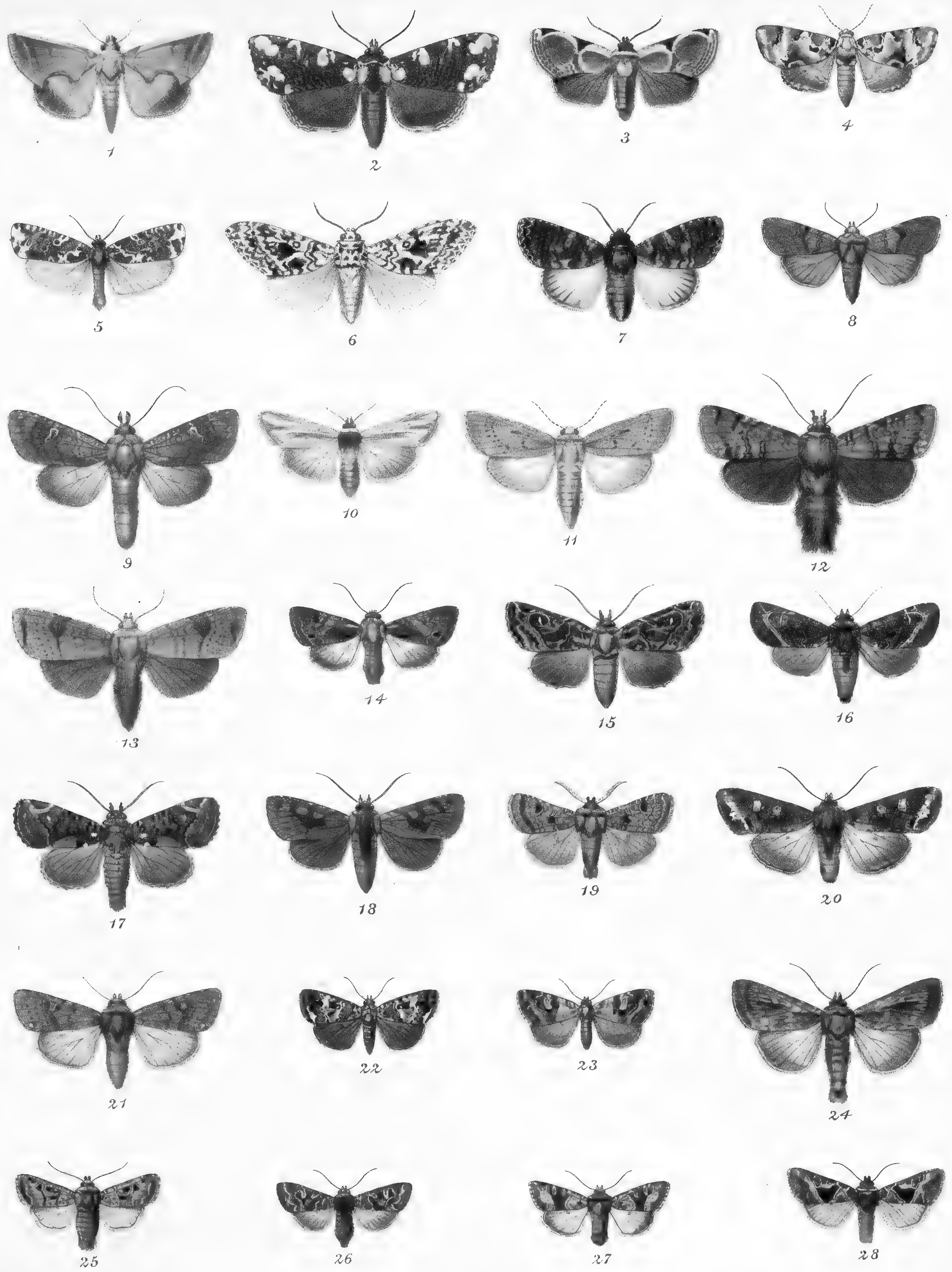
1 ŒDEMASIA SERIATA.
2 CRINODES GUATEMALENA.
3 EDEMA MANDELA.
4 HETEROCAMPA DARDANIA.
5♂ " SYLLA.
6♂ HETEROCAMPA MANETHUSA.
7 " ALECTOR.
8 HAPIGIA RIBBEI.
9 SYMMERISTA PINNA.
10♂ LIRIMIRIS ALBOLINEATA.
11 SYMMERISTA LINEATA.
12♂ ROSEMA ÆTHRA.
13♂ RHUDA SPLENDENS.
14 OPHITIS CYLLOTA.
15 GONODONTA PRIMULINA.

W. Purkiss. lith.

Hanhart imp
458.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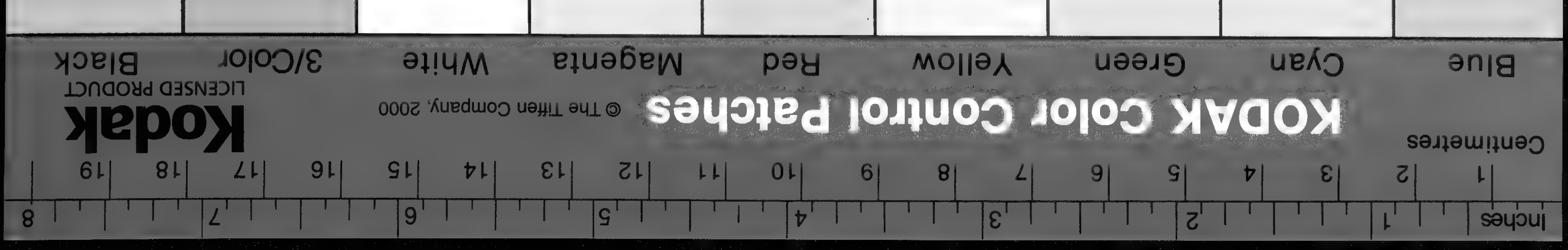
1 GONODONTA ELEGANS.
2 THYATIRA HERSILIA.
3 „ HEURIPPA.
4 „ (?) HYPATIA.
5 GRAMMOPHORA CHALDERA.
6 PANTHEA PYTHION.
7 ACRONYCTA DOLENS.
8 „ DÆDALA.
9 GORTYNA DITISSIMA.

10 LEUCANIA DIFFUSA.
11 „ MULTIPUNCTATA.
12 NÆSIA MŒSTA.
13 „ DOLENS.
14 DARGIDA NIPHANDA.
15 „ AMPHION.
16 „ SAREPTA.
17 „ PORPHYRA.
18 „ LUMA.
19 HELIOPHOBUS HIPPARIS.

20 MAMESTRA CONFIGURATA.
21 „ DOTATA.
22 MIANA PULCHRA.
23 „ ZONELLA.
24 MAMESTRA HIPPARION.
25 CELÆNA RUBENS.
26 „ PERTA.
27 „ HAMARA.
28 „ ORIZA.

W. Purkiss lith.

Hanhart imp.
524.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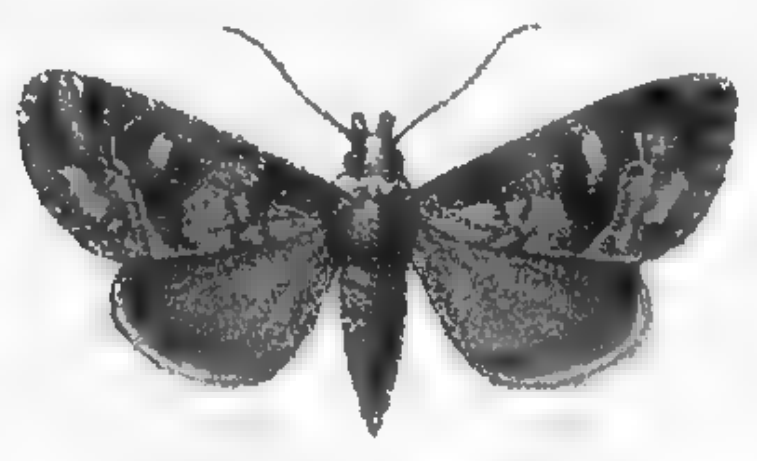
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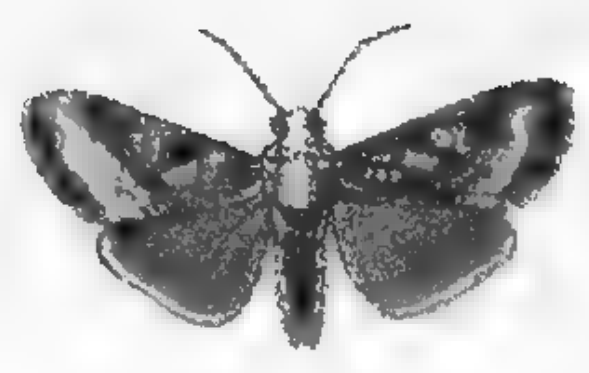
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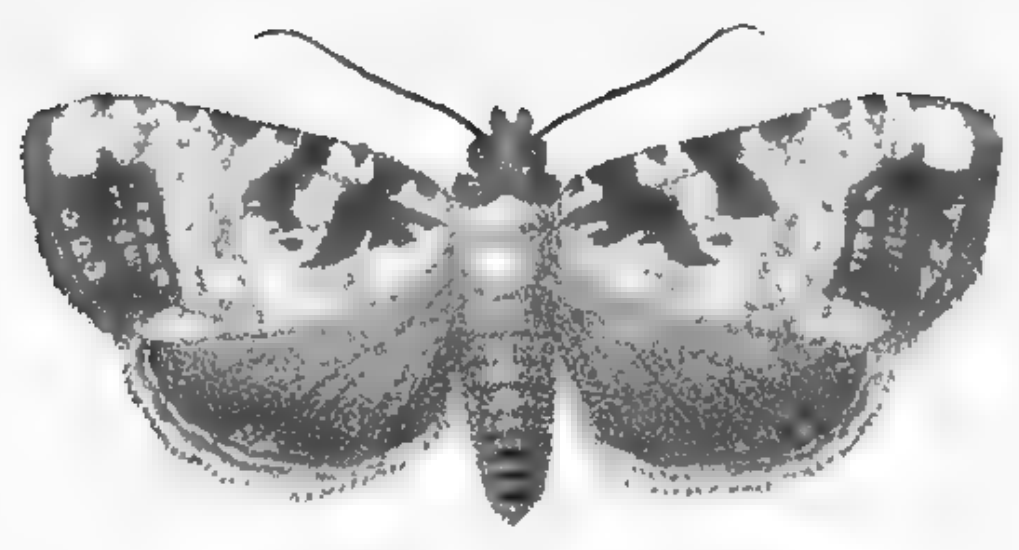
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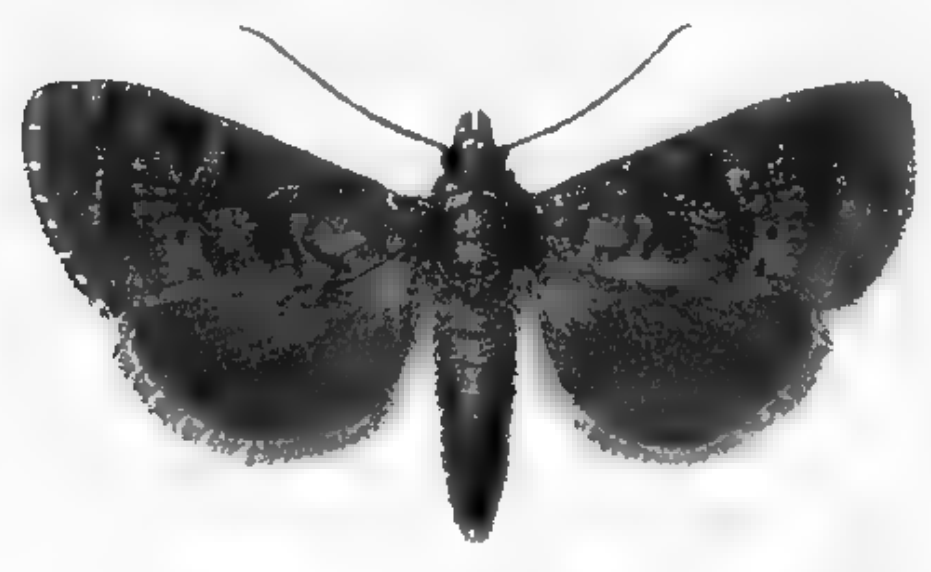
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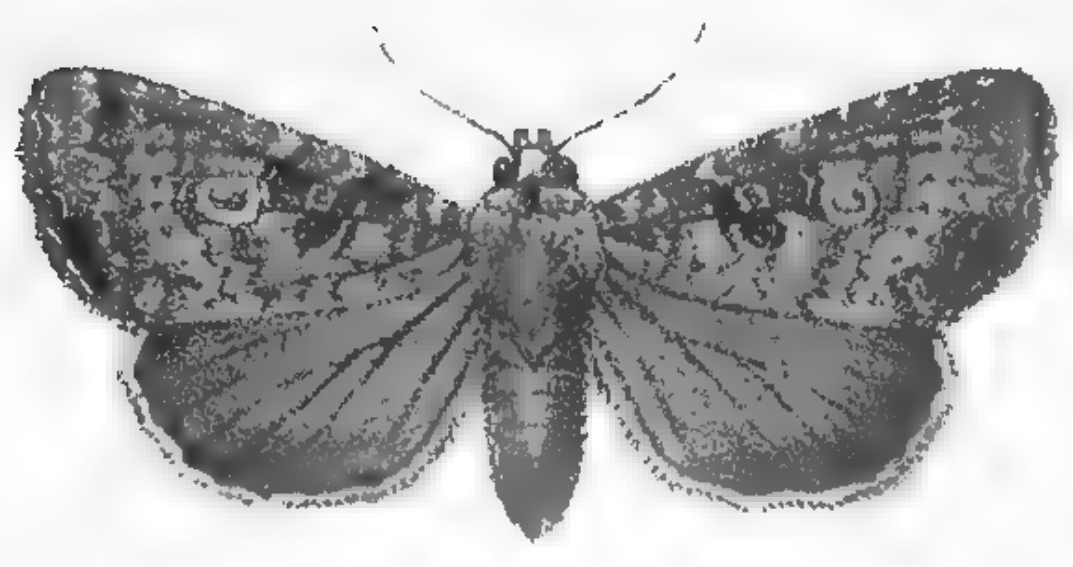
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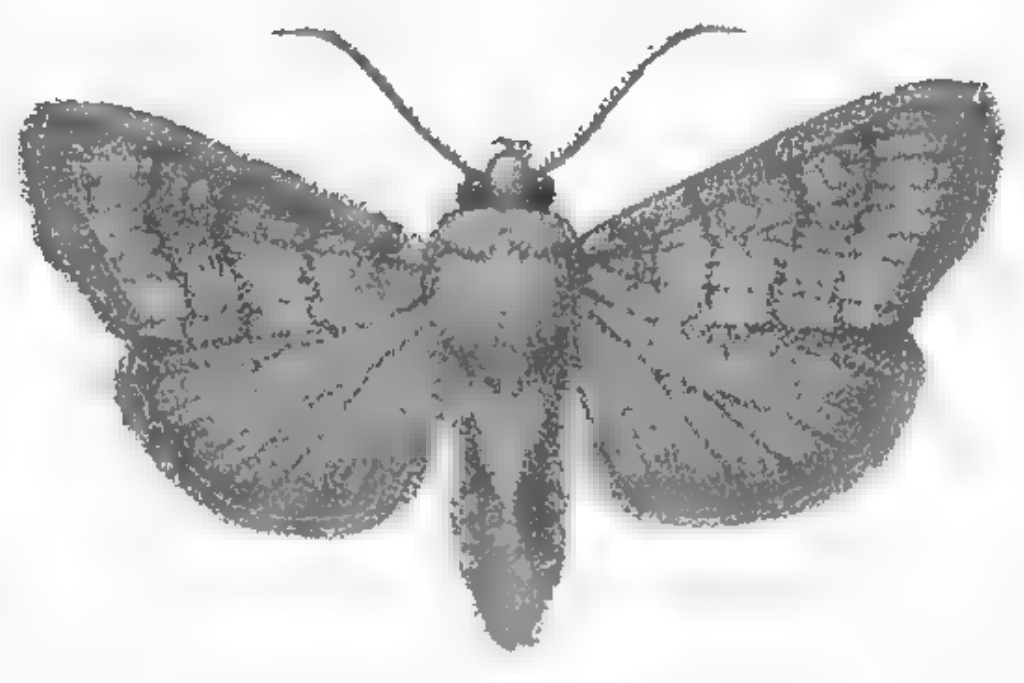
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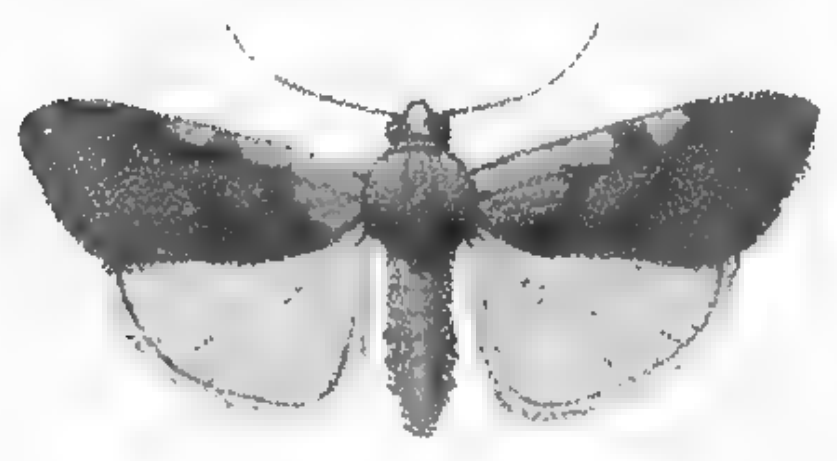
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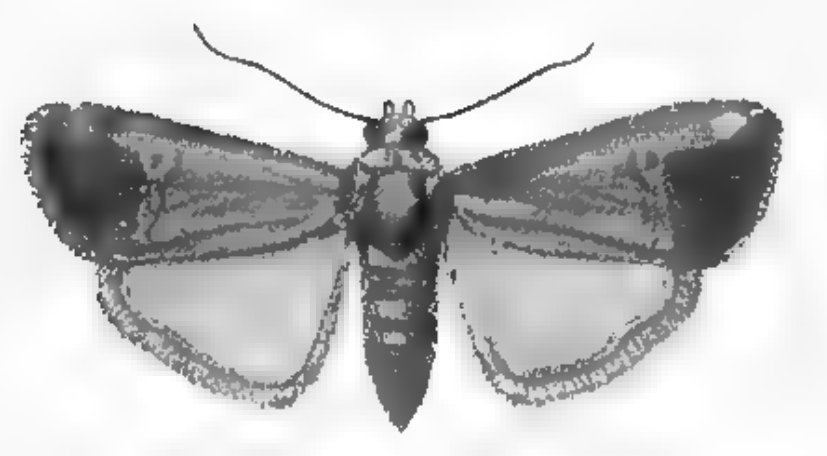
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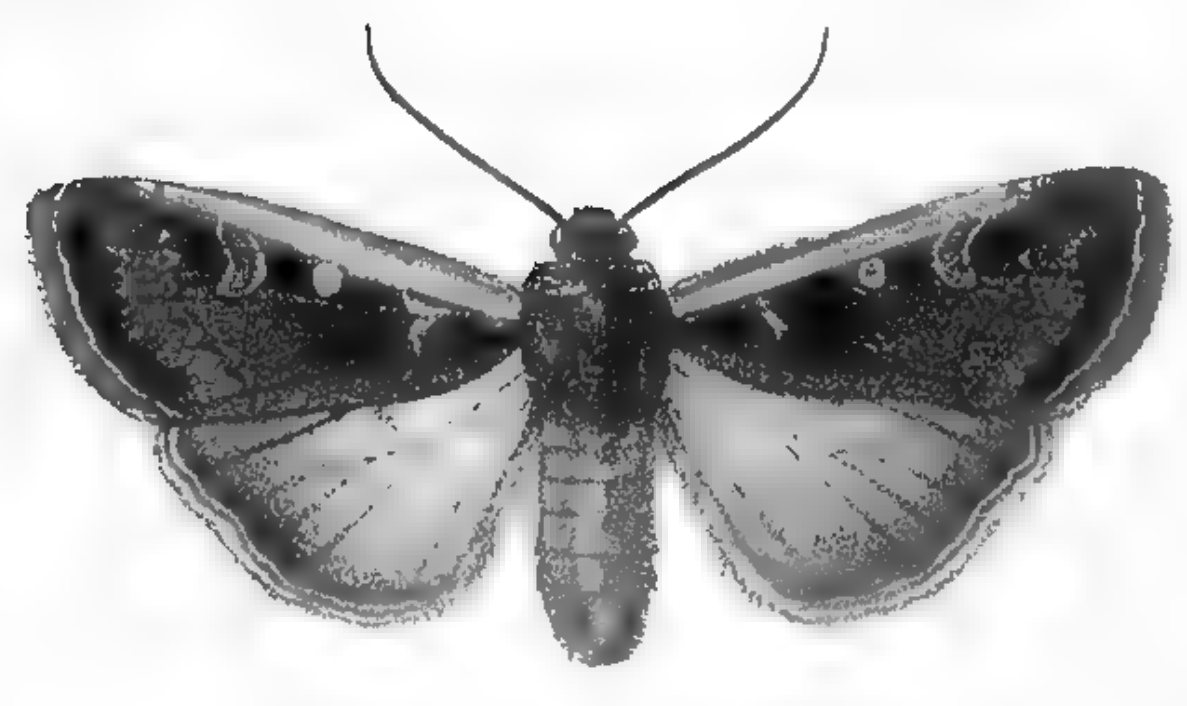
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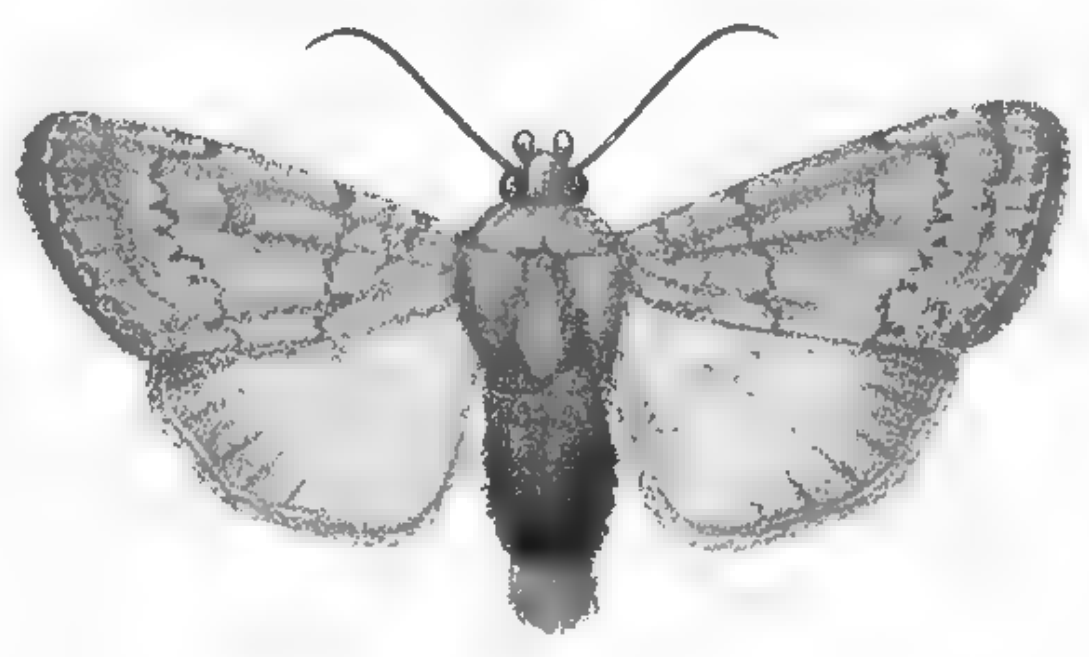
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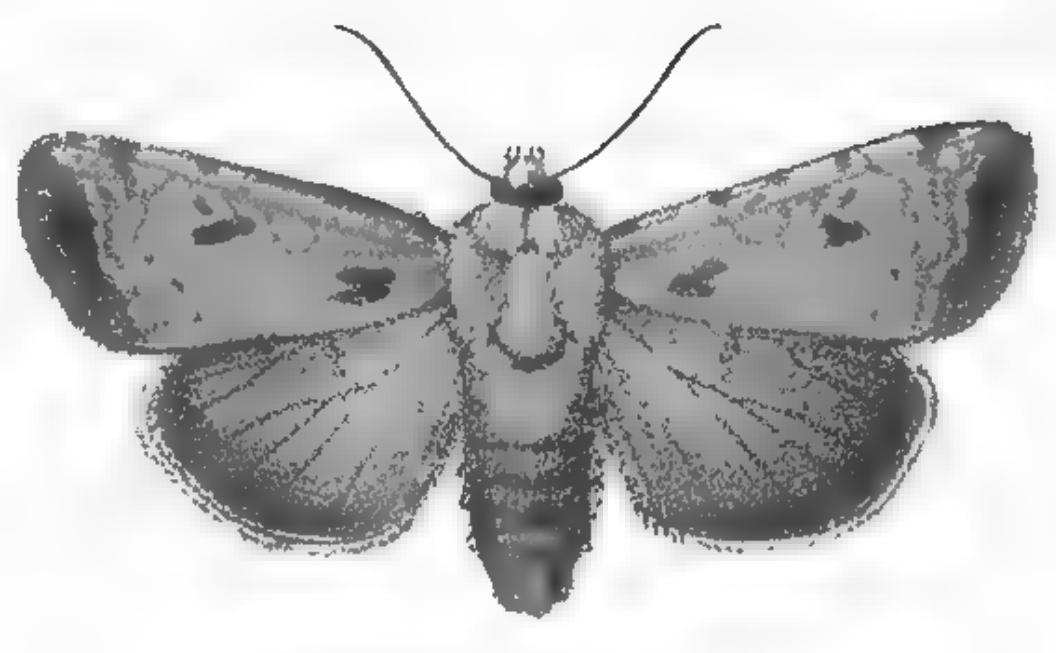
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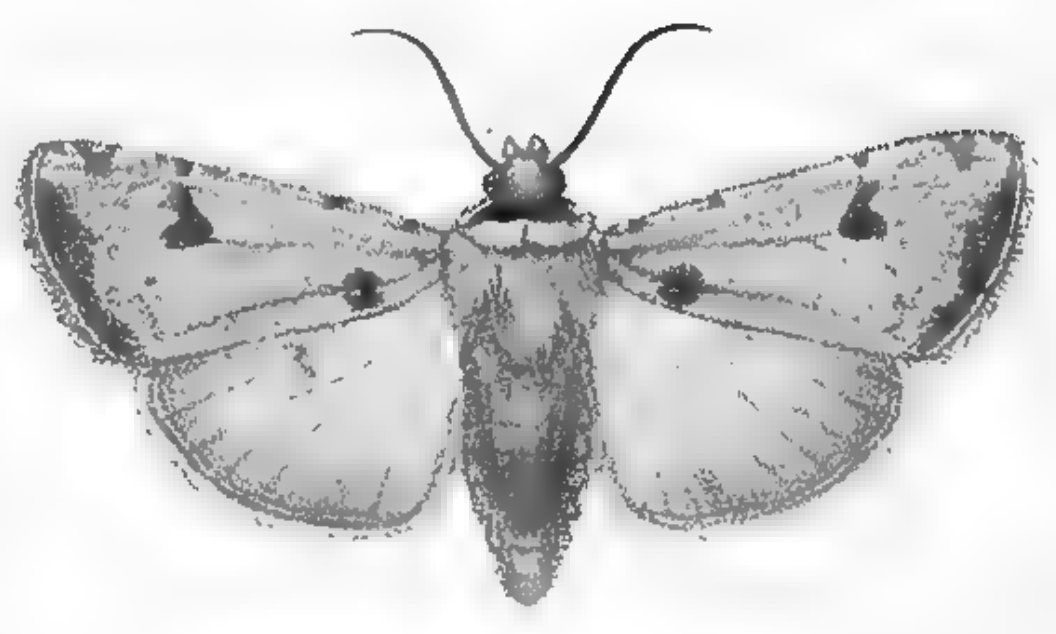
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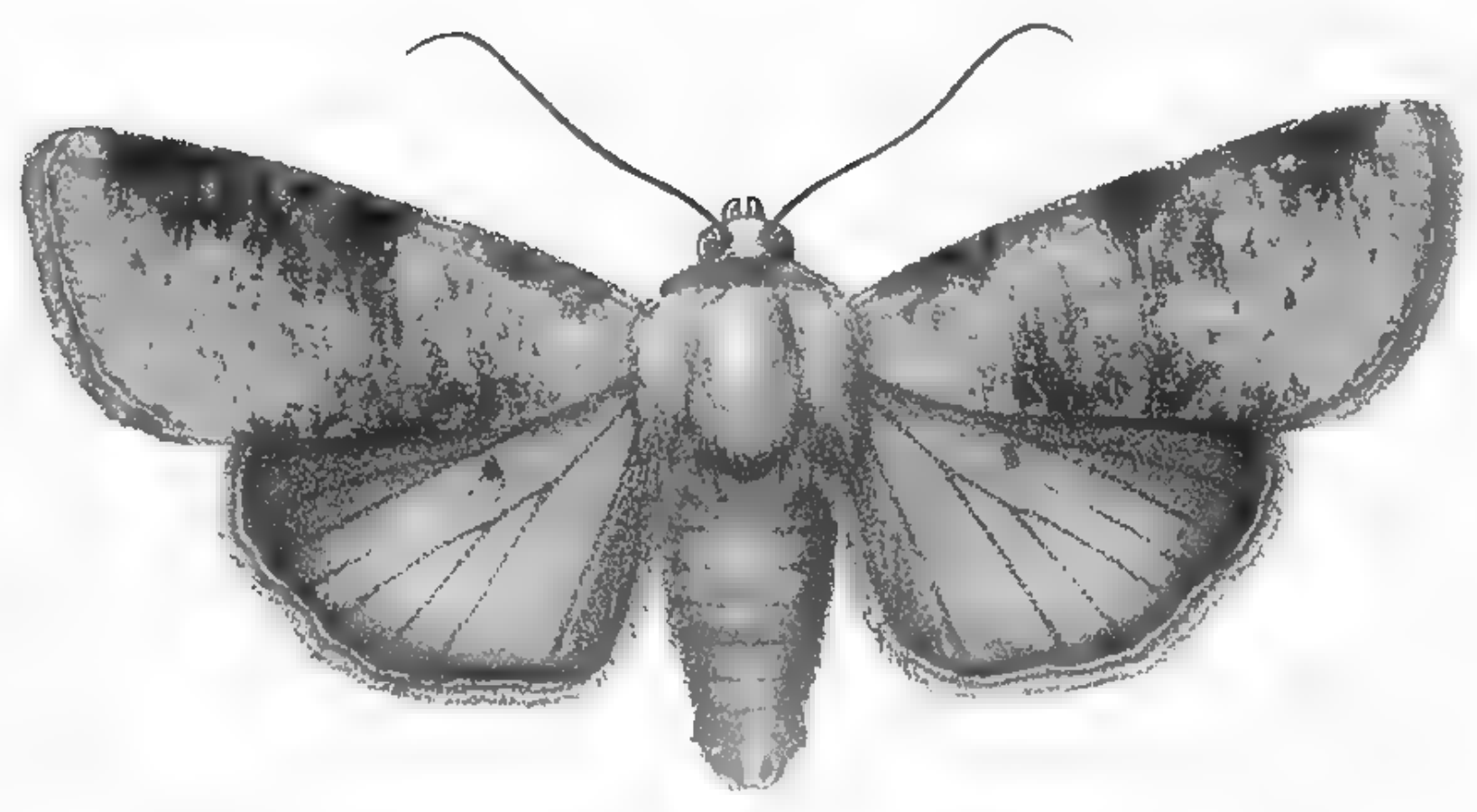
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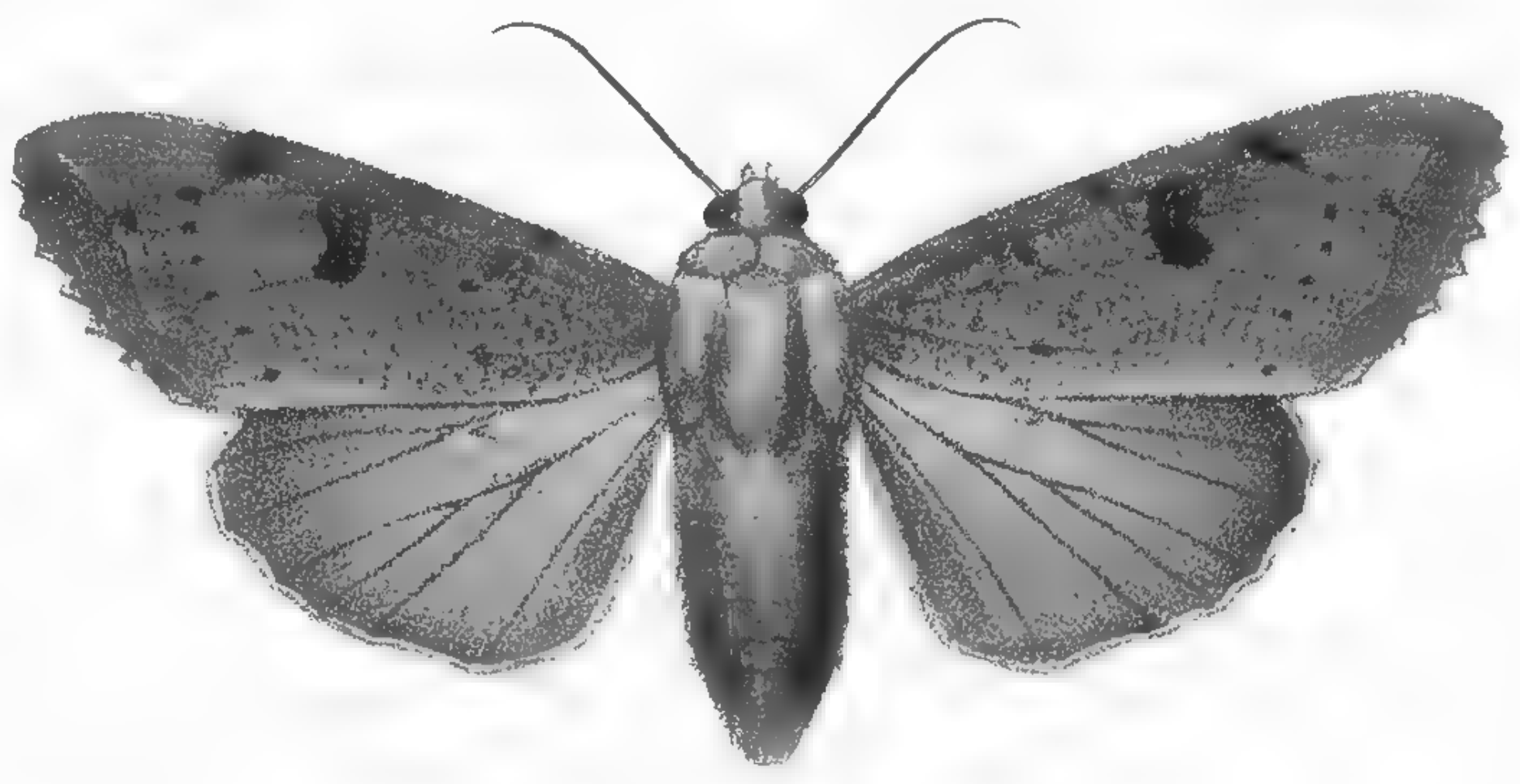
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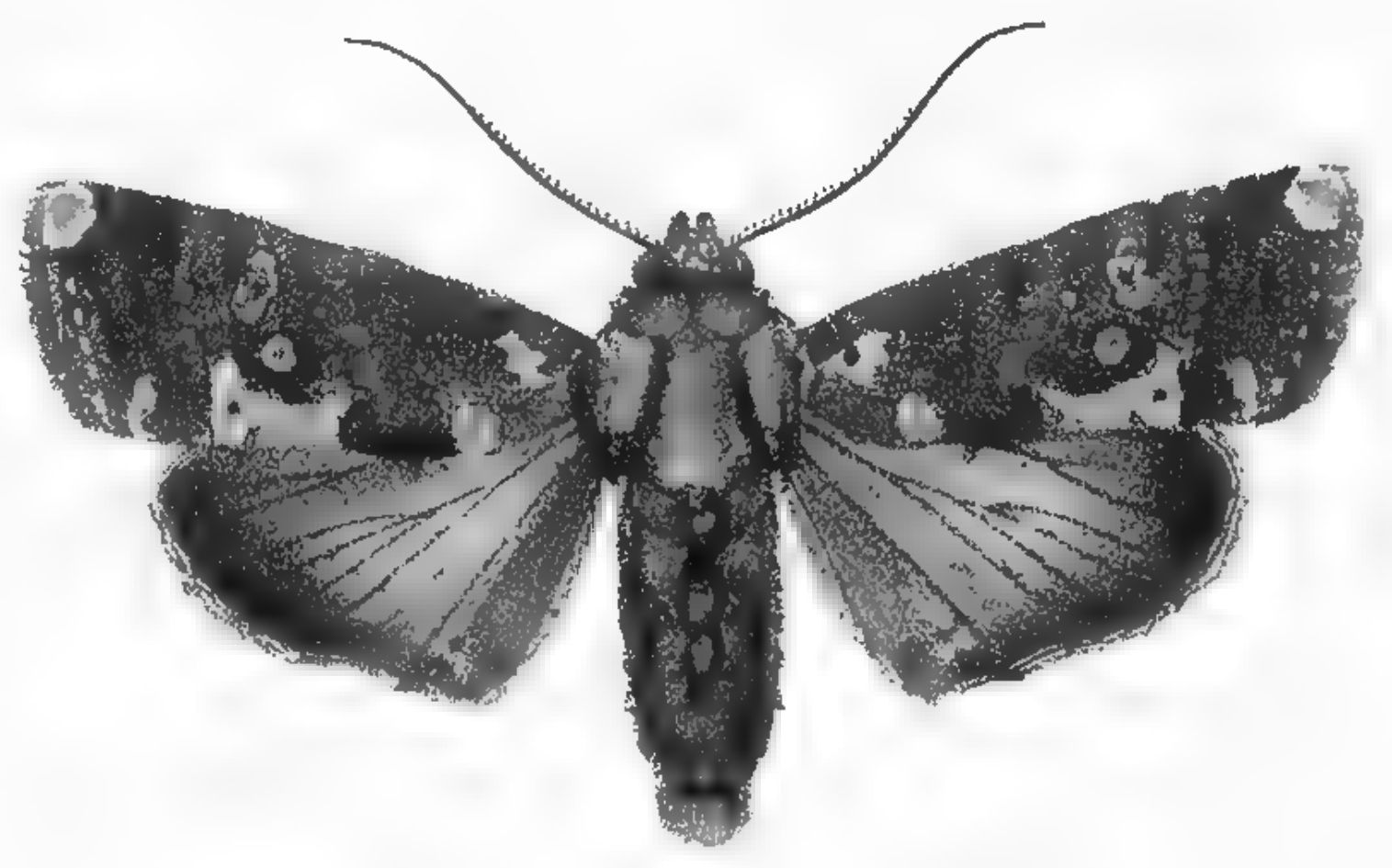
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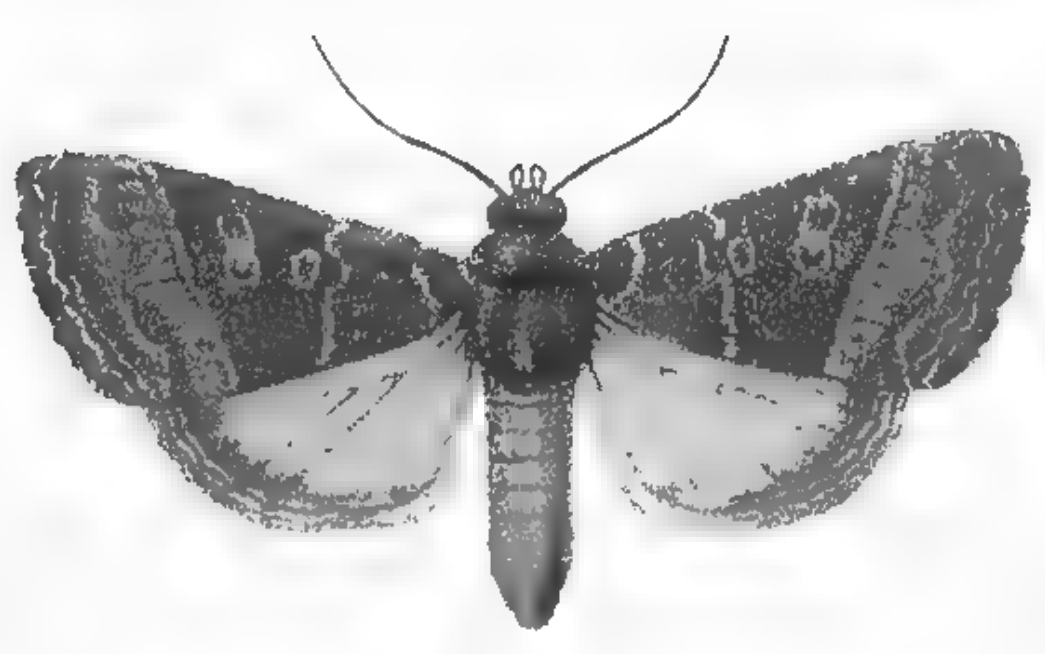
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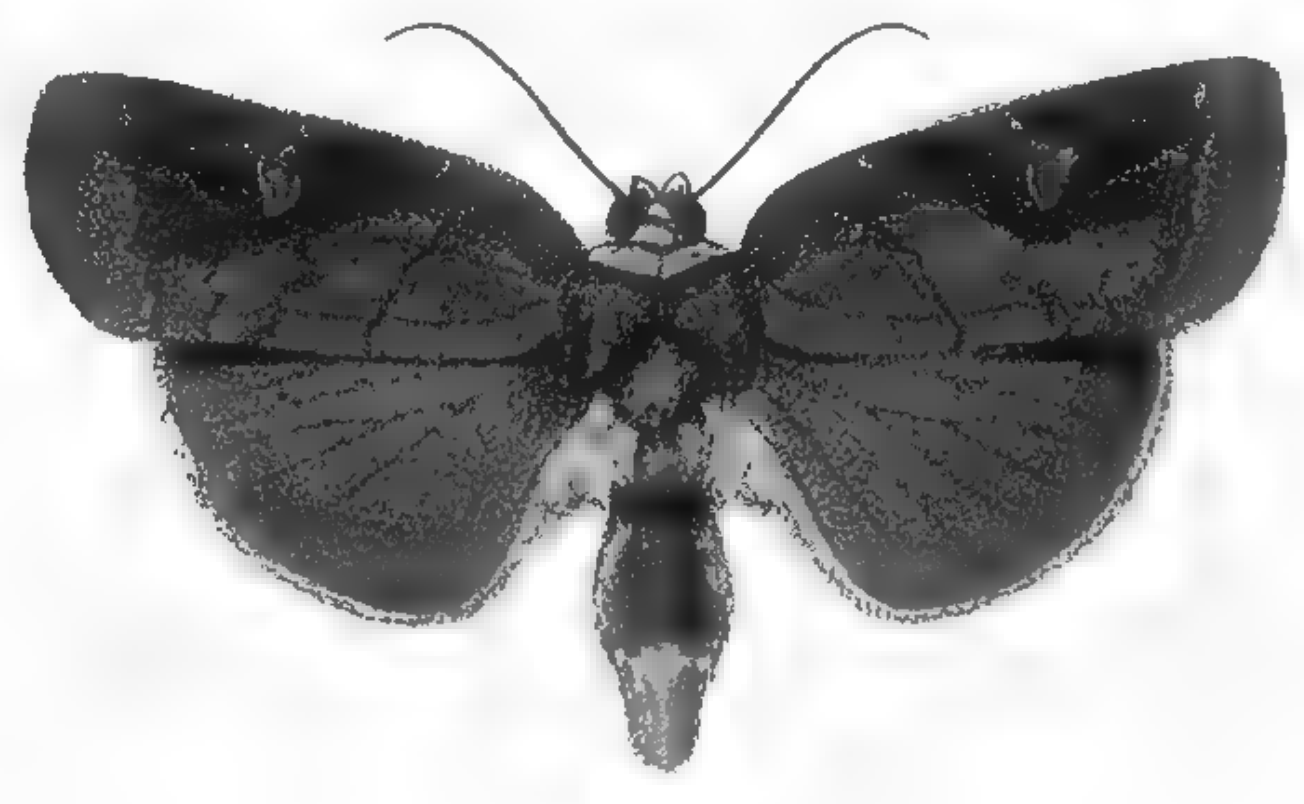
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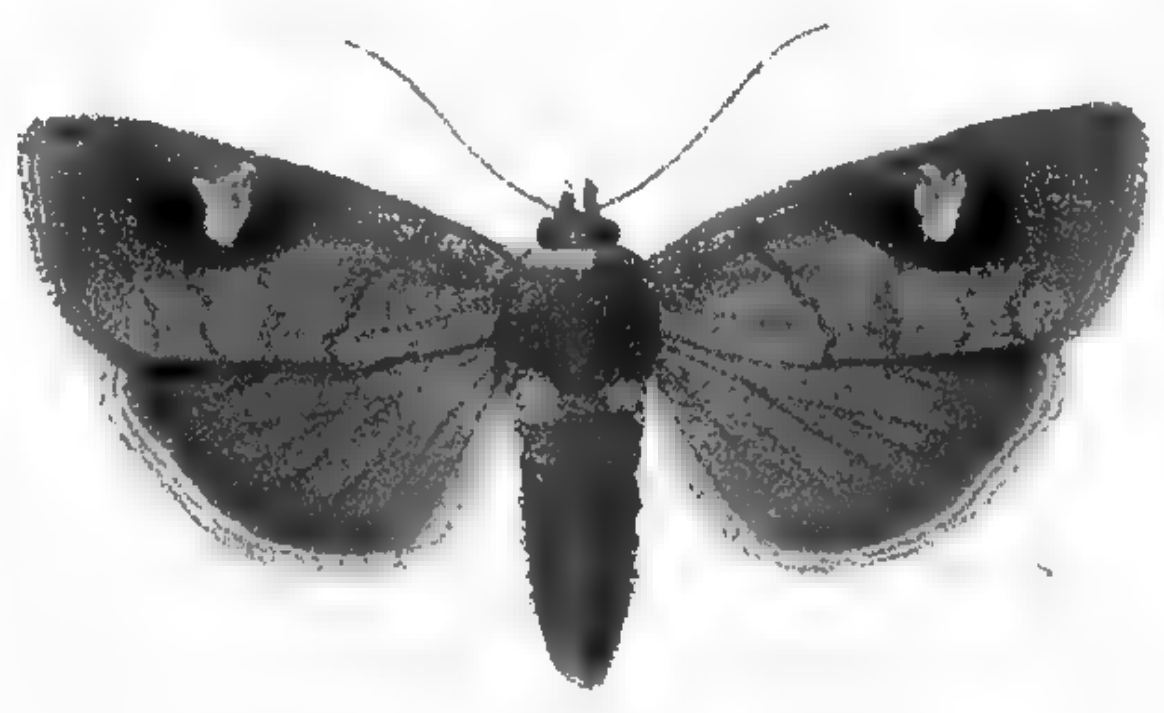
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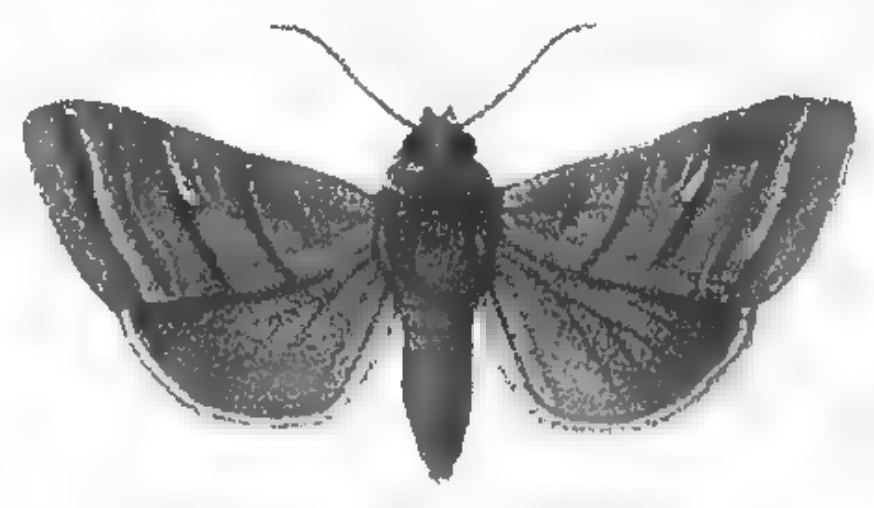
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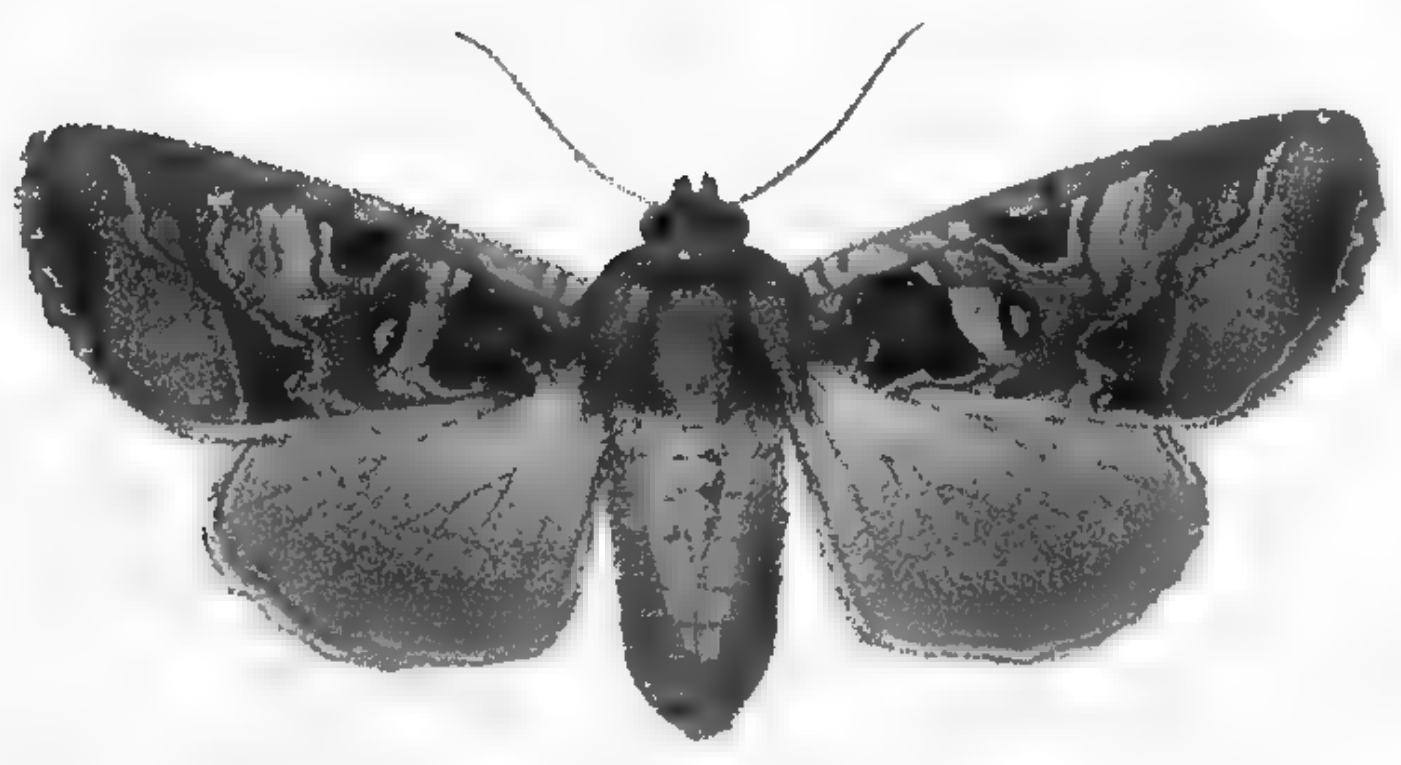
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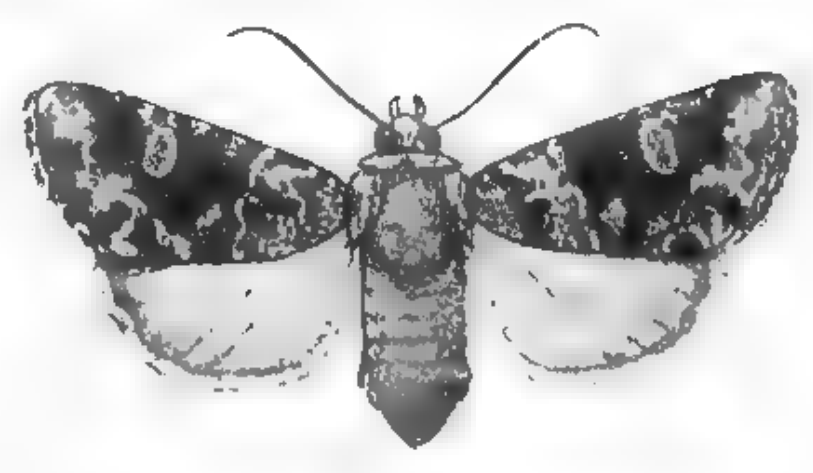
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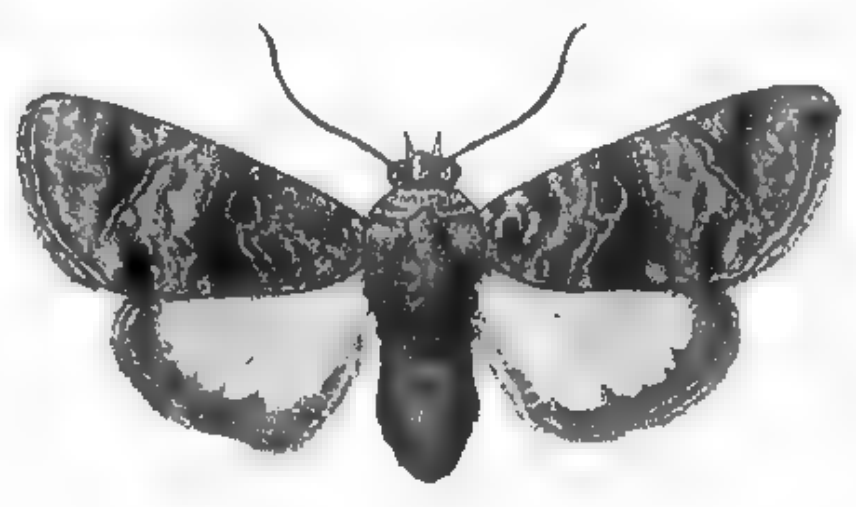
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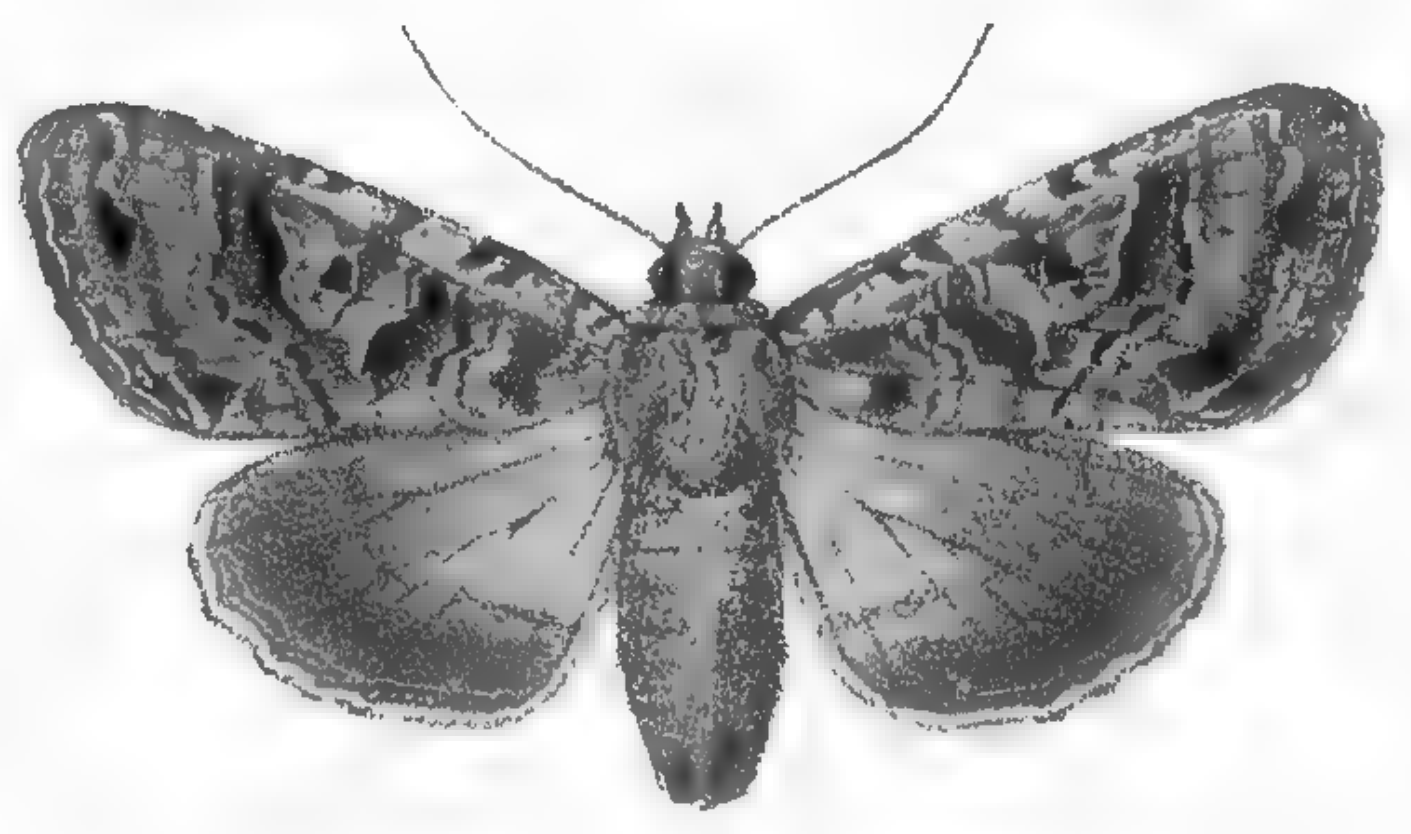
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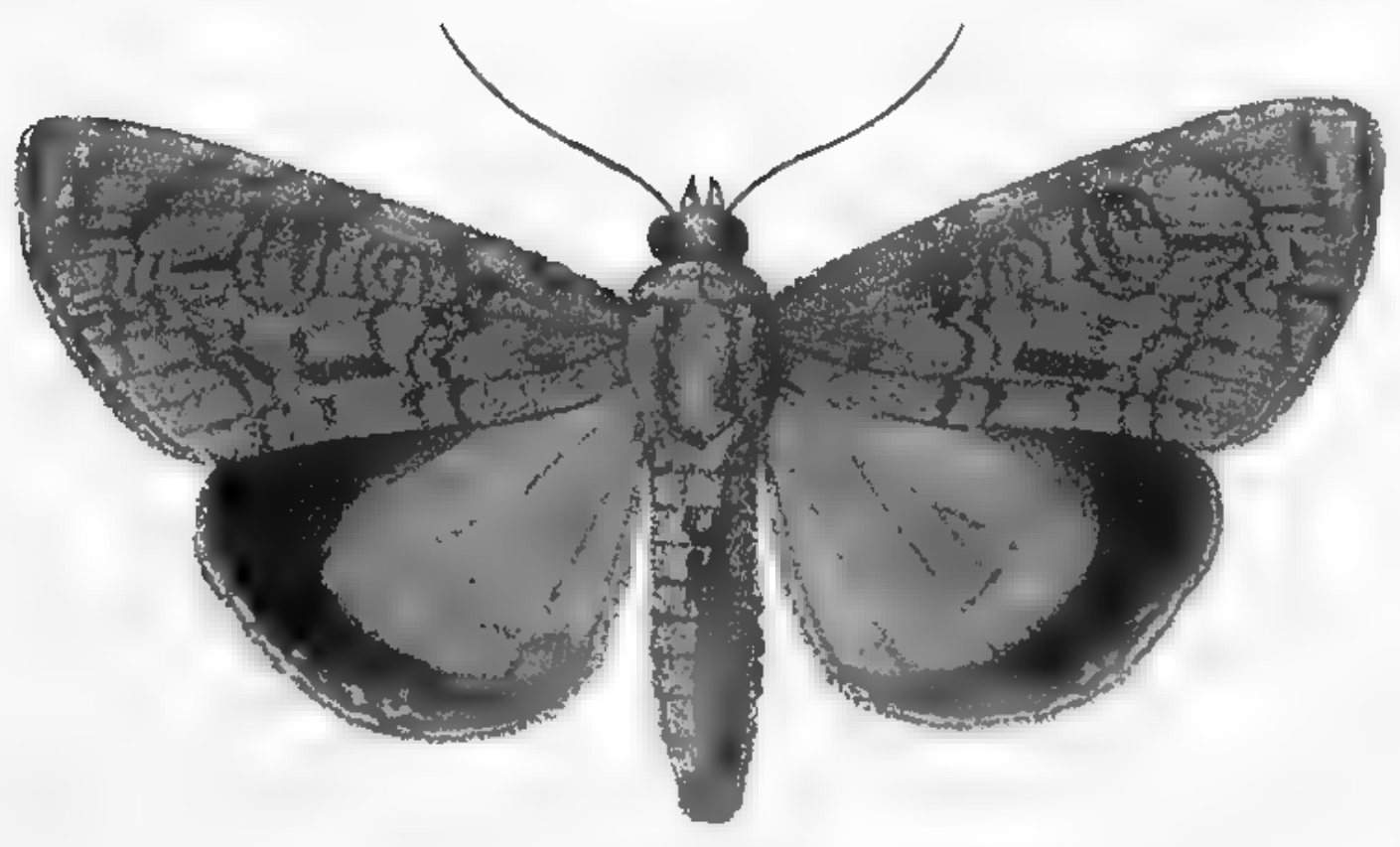
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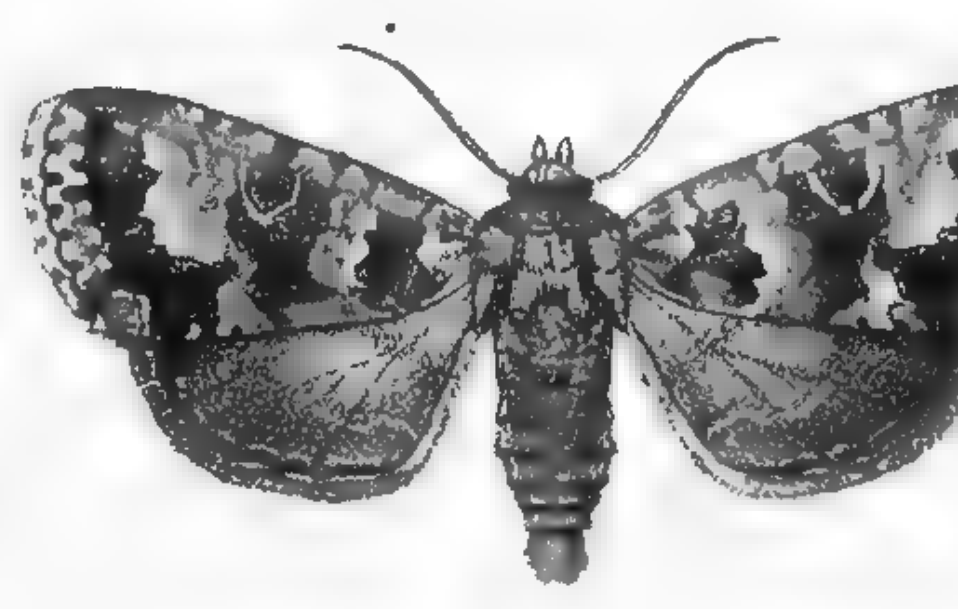
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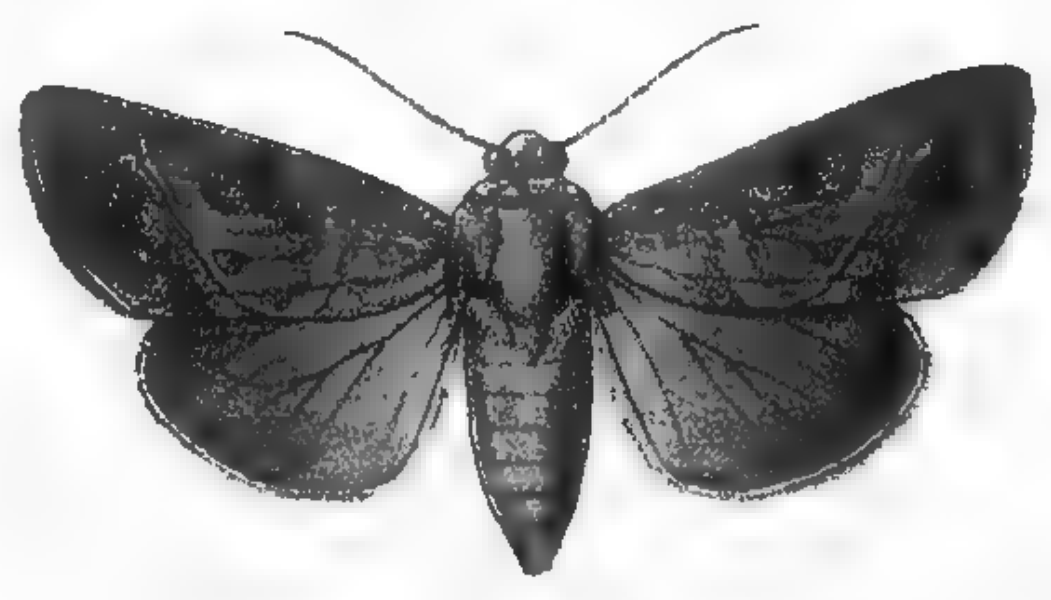
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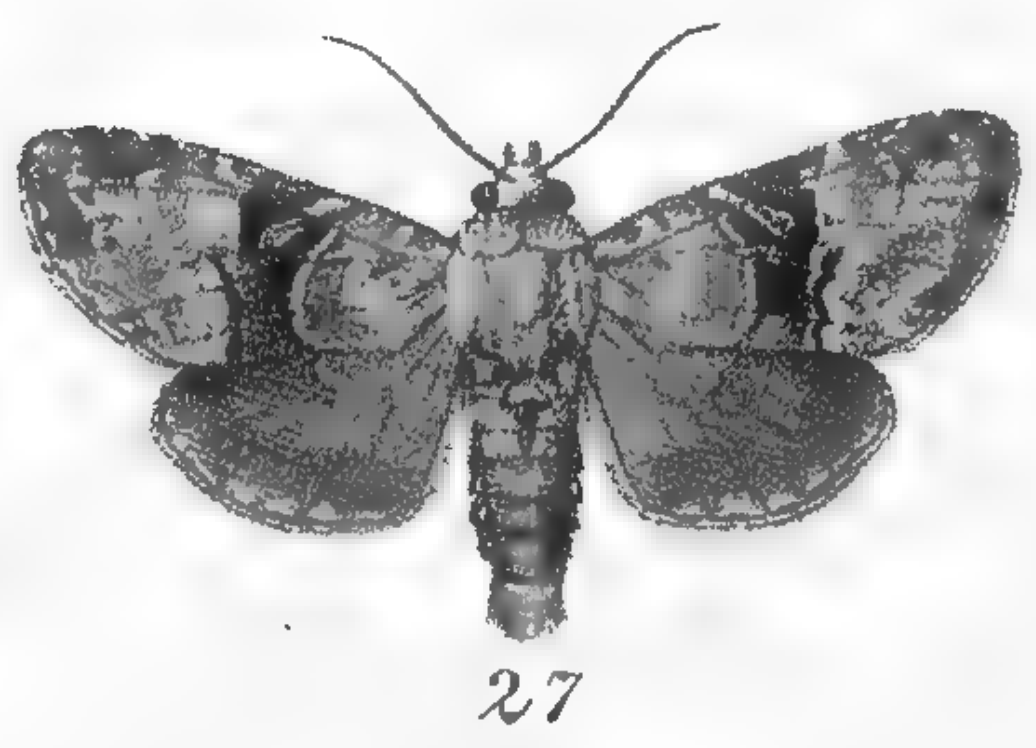
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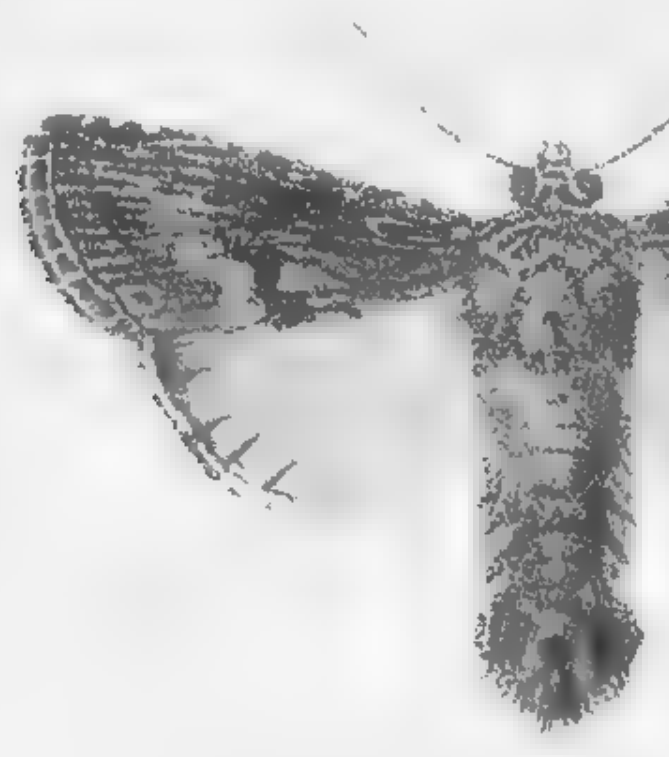
1 CELÆNA ESOPIS.
2 „ MINUTA.
3 PERIGEA HIPPIA.
4 „ FIDELIA.
5 „ BERINDA.
6 MERISTIS FEA.
7 MONODES CITRINA.
8 „ MONYMA.
9 AGROTIS MANETHUSA.

10 AGROTIS OROBA.
11 „ ORNEA.
12 „ ALTES.
13 „ SEMIDOLENS.
14 TIRACOLA PLAGIATA.
15 AGROTIS SPLENDENS.
16 TÆNIOCAMPA (?) LINEATA.
17♂, 18♀ ORTHODES LODEBAR.

19 DIANTHŒCIA TURA.
20 VALERIA LACHES.
21 HECATERA HODEVA.
22 „ HOSHEA.
23 VALERIA USCANA.
24 POLYPHÆNIS RESPONDENS.
25 HADENA TOXARIDIA.
26 „ DIFFERENS.
27 STIBÆRA LUCINA.

W. Purkiss lith.
Hanhart imp.
526.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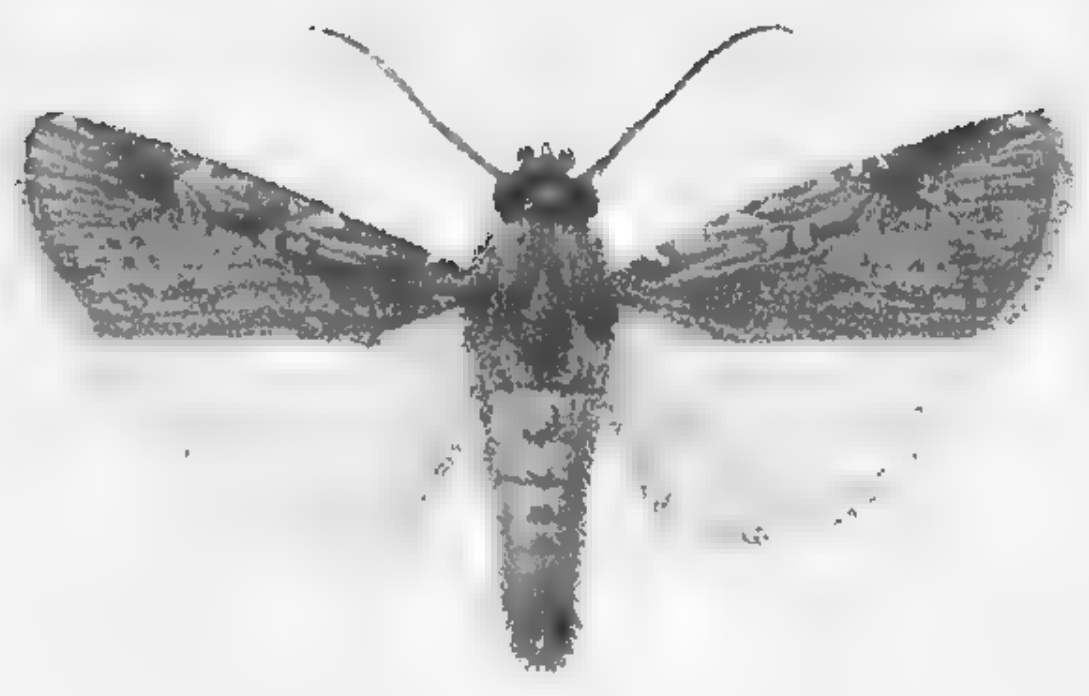
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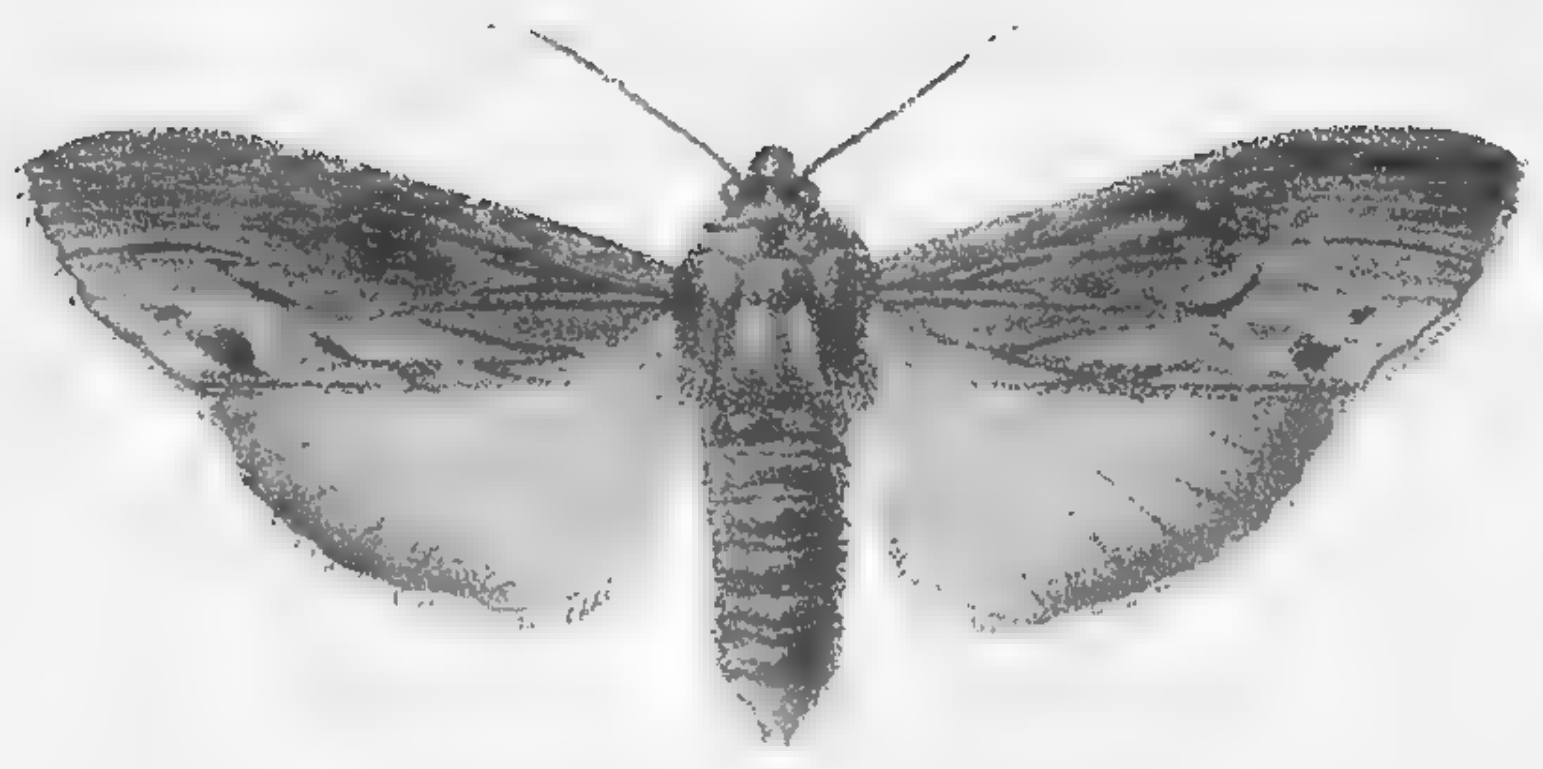
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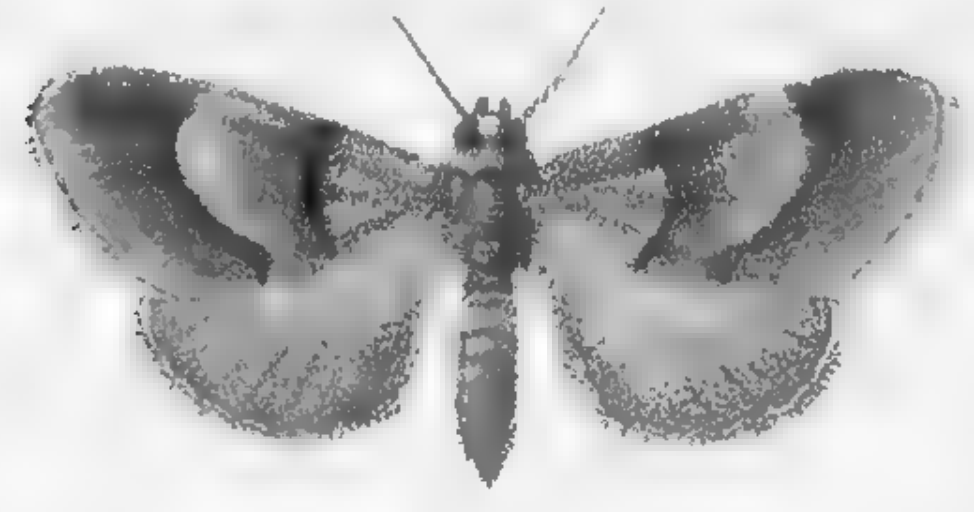
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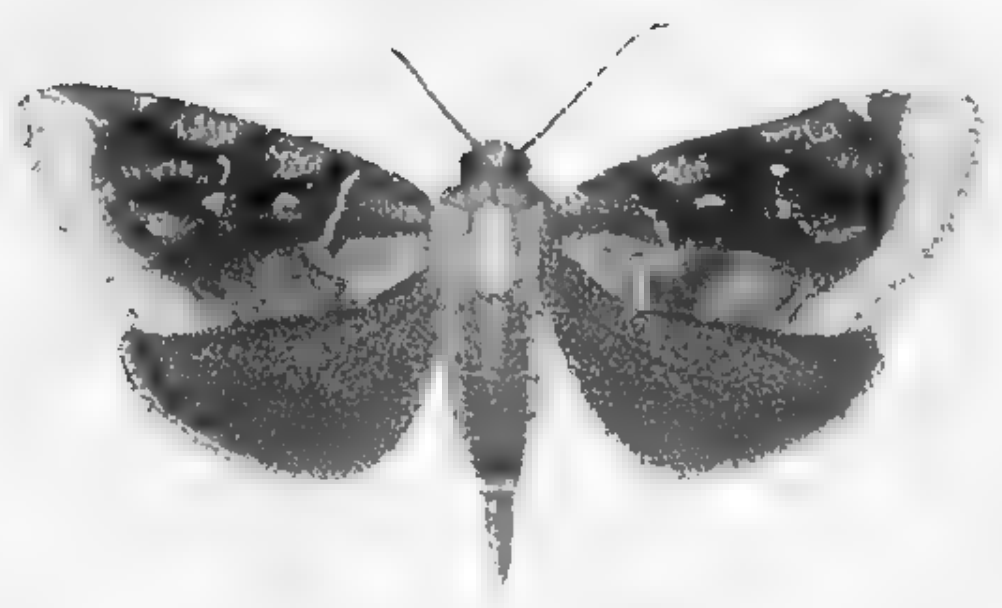
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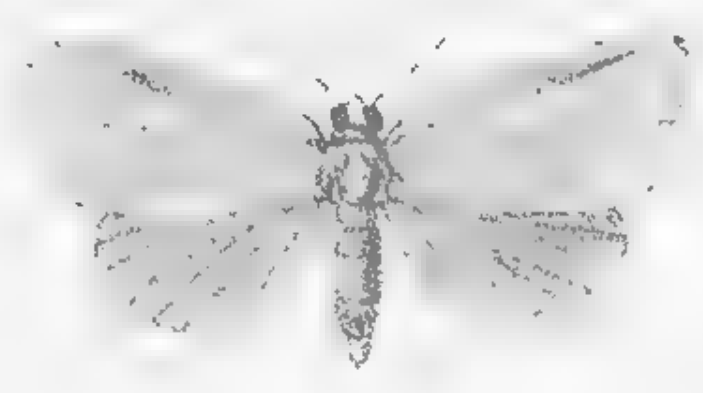
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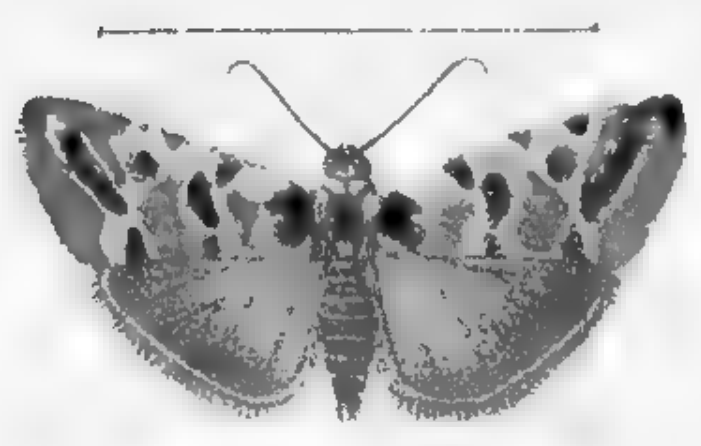
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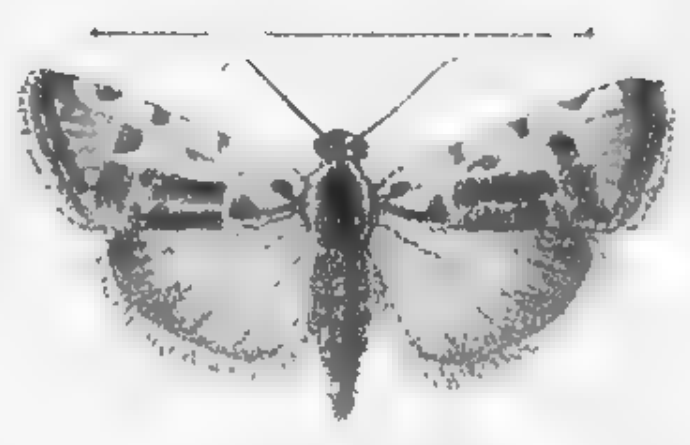
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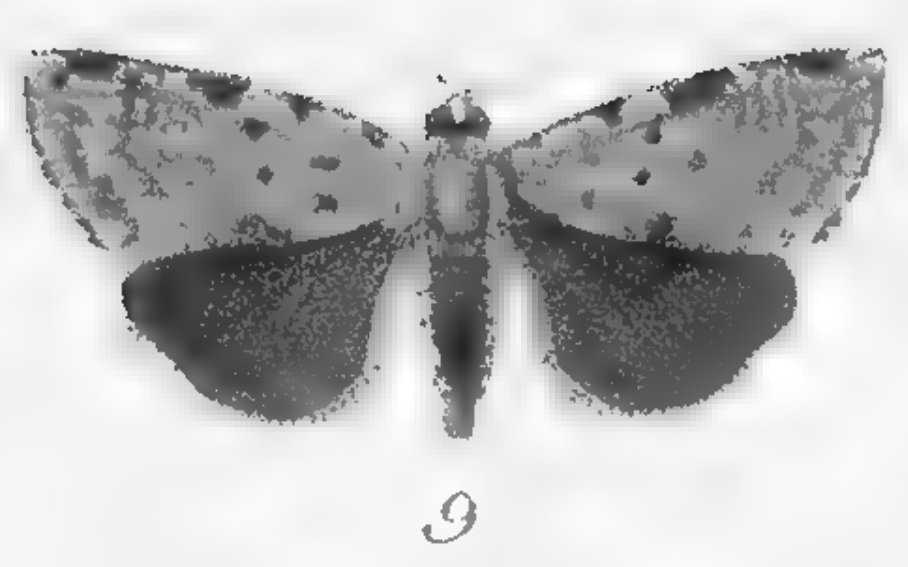
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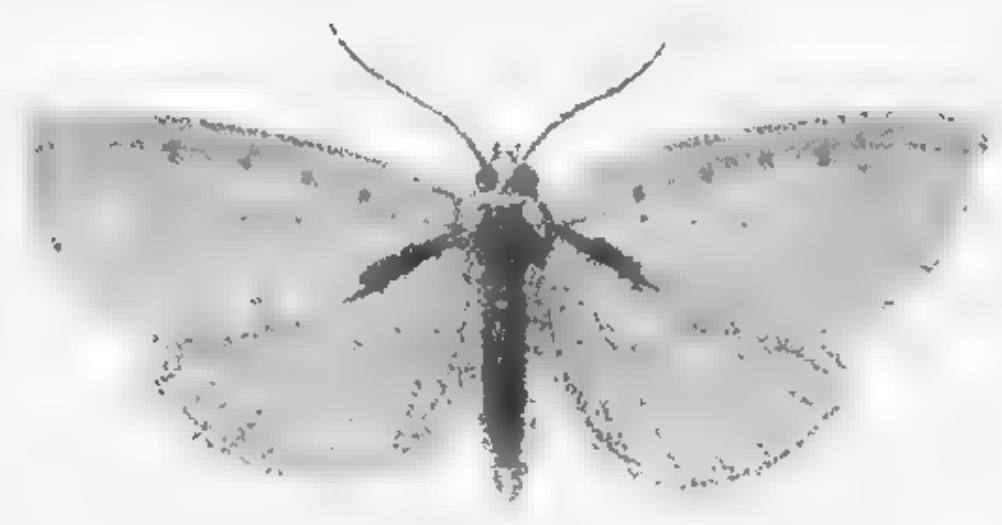
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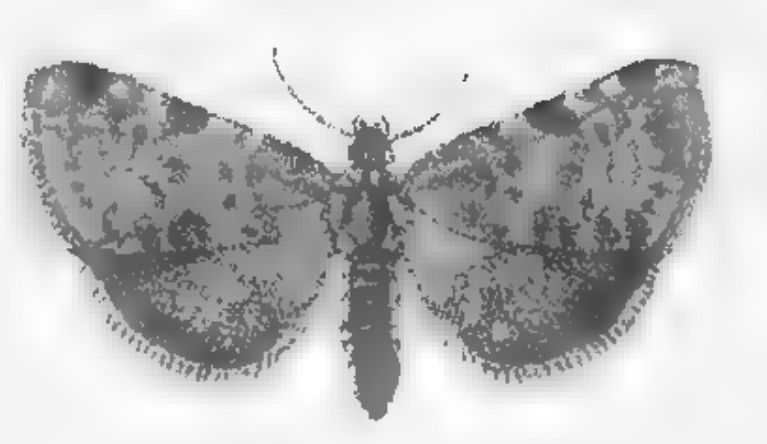
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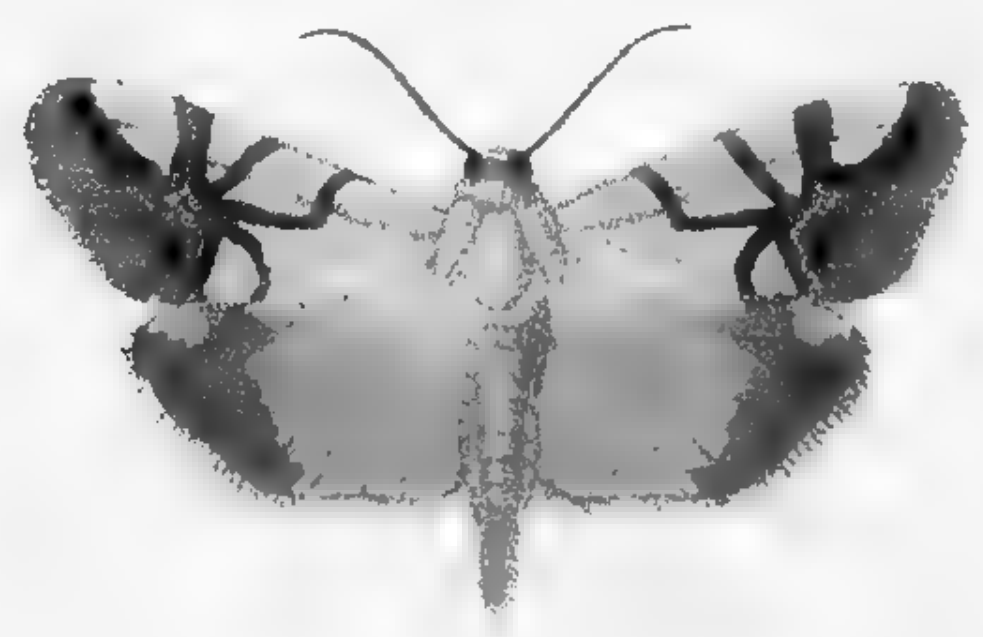
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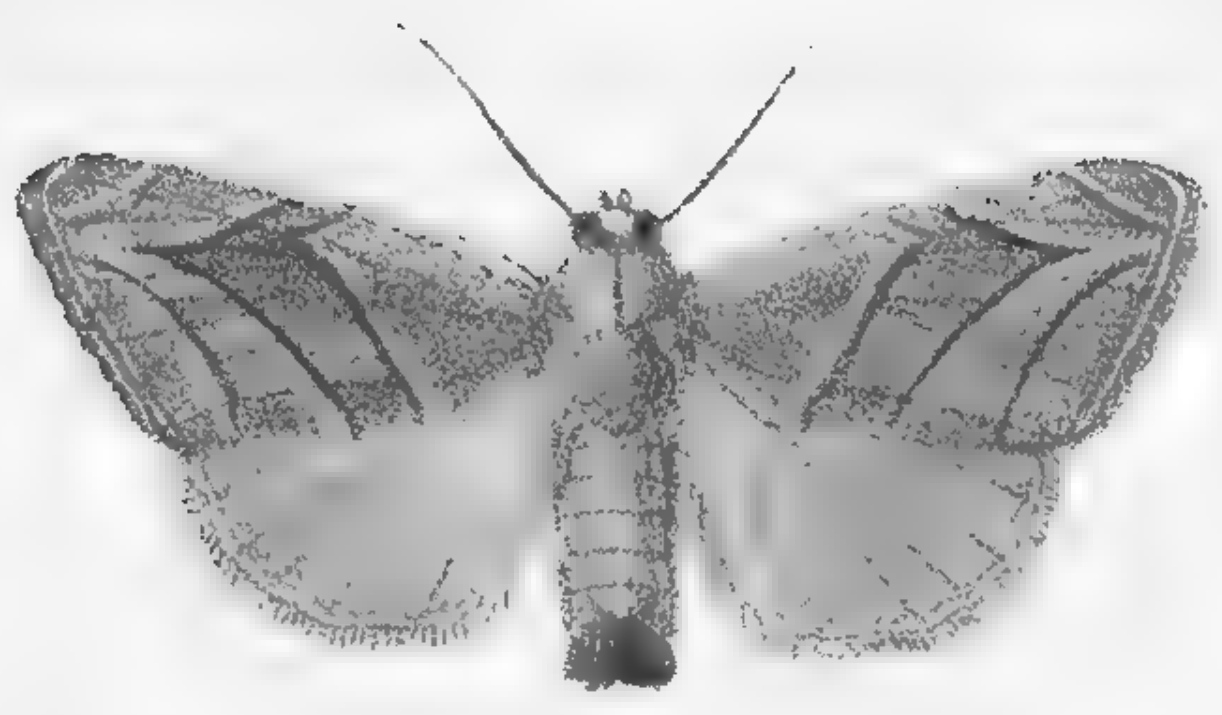
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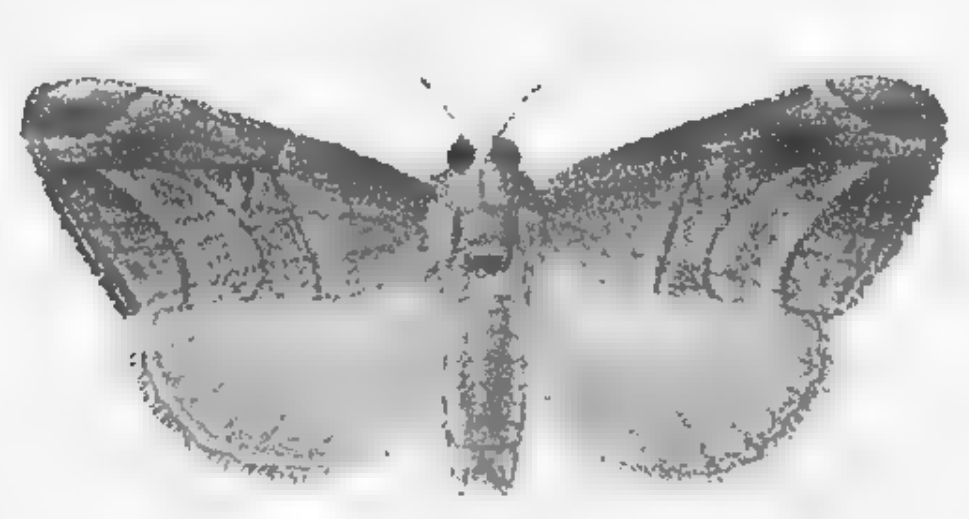
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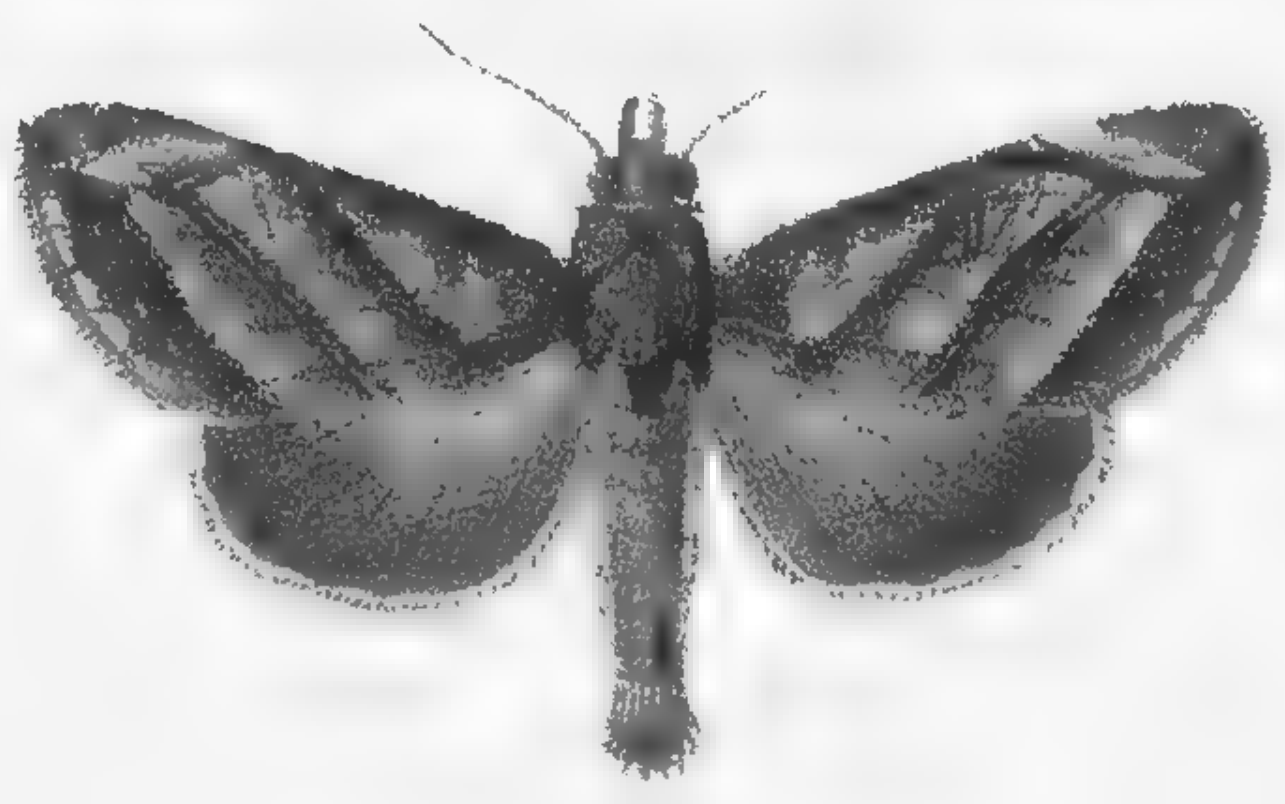
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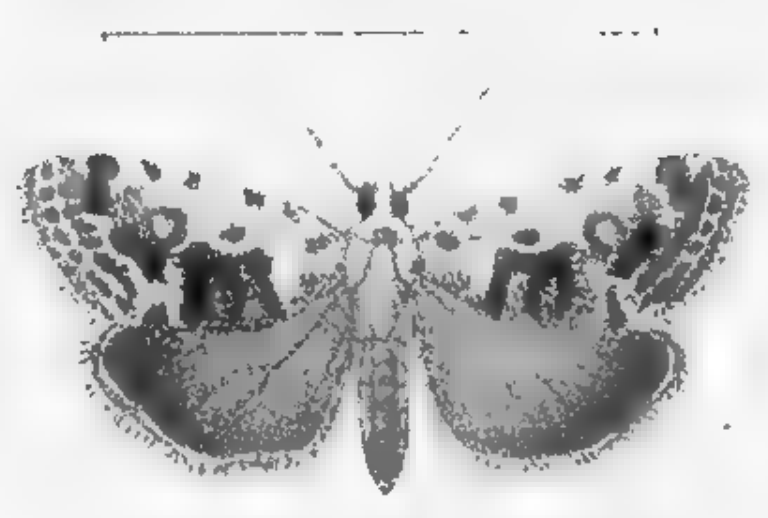
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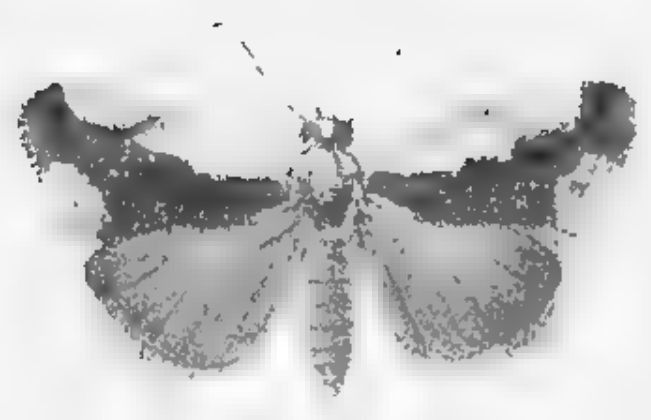
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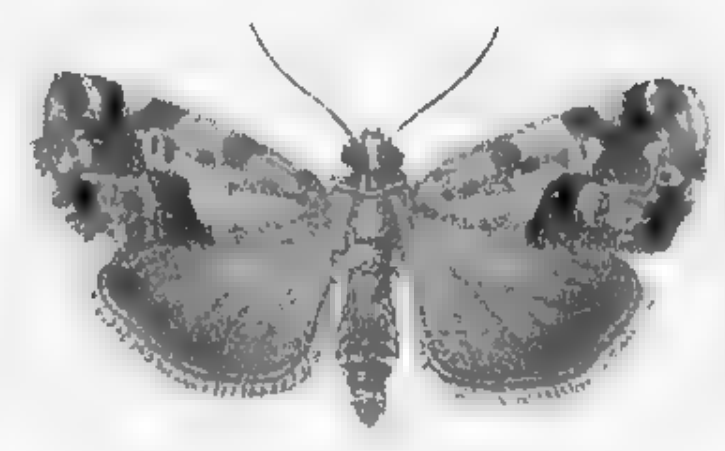
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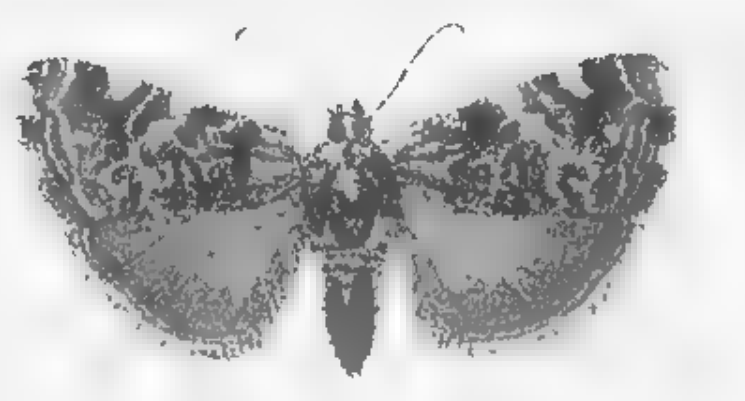
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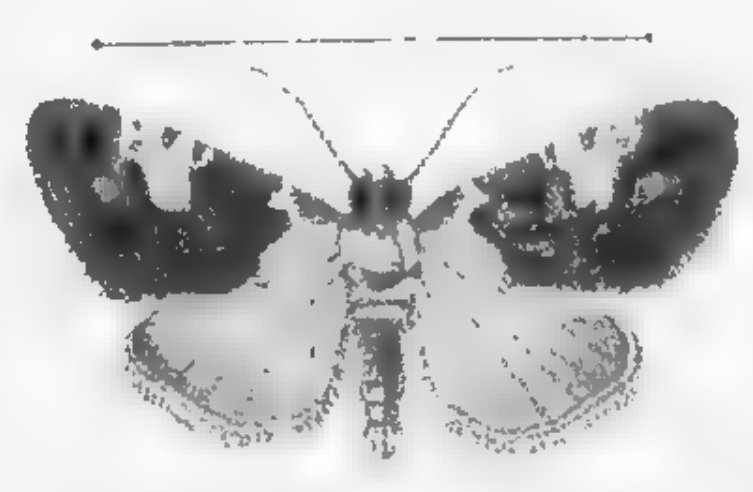
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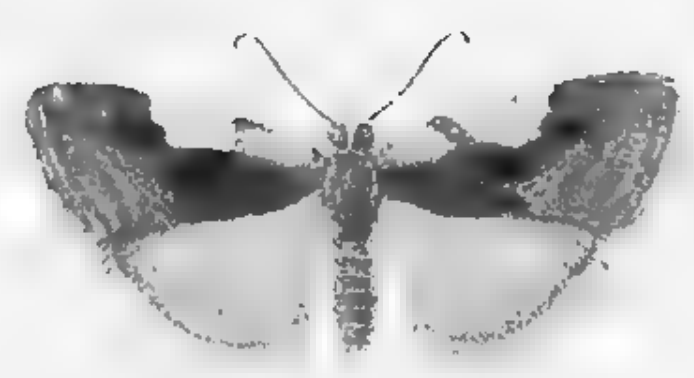
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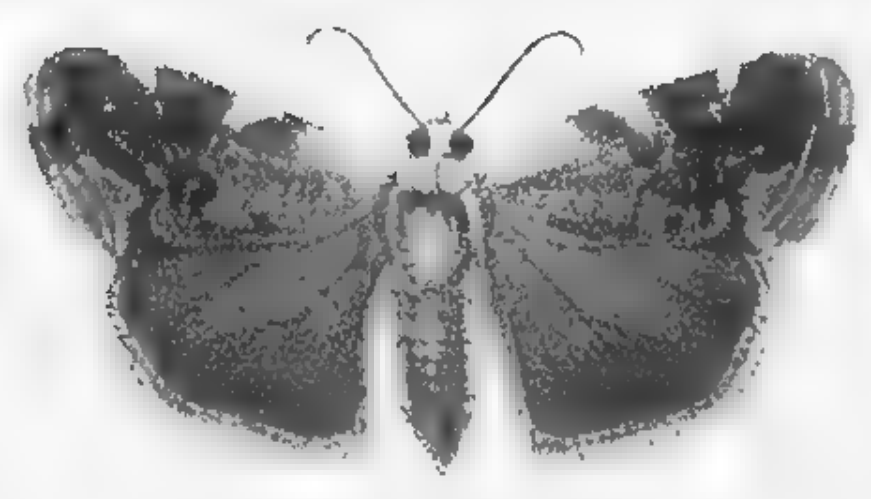
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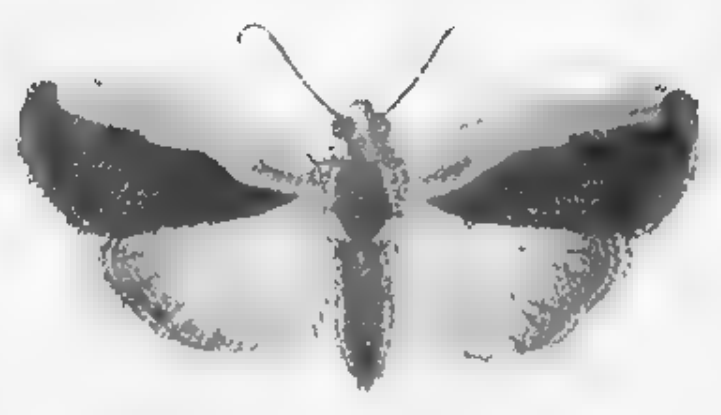
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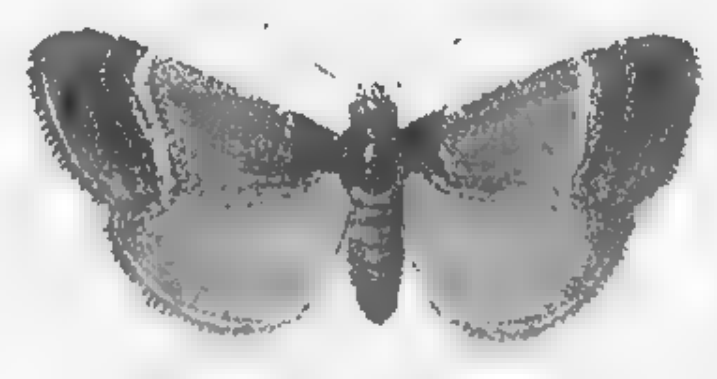
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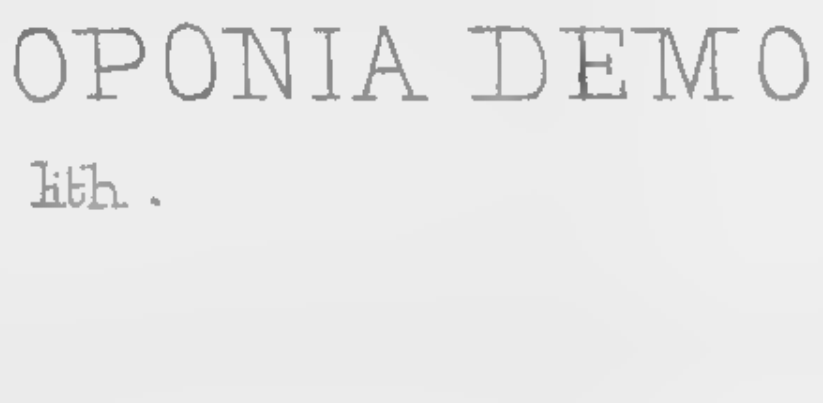
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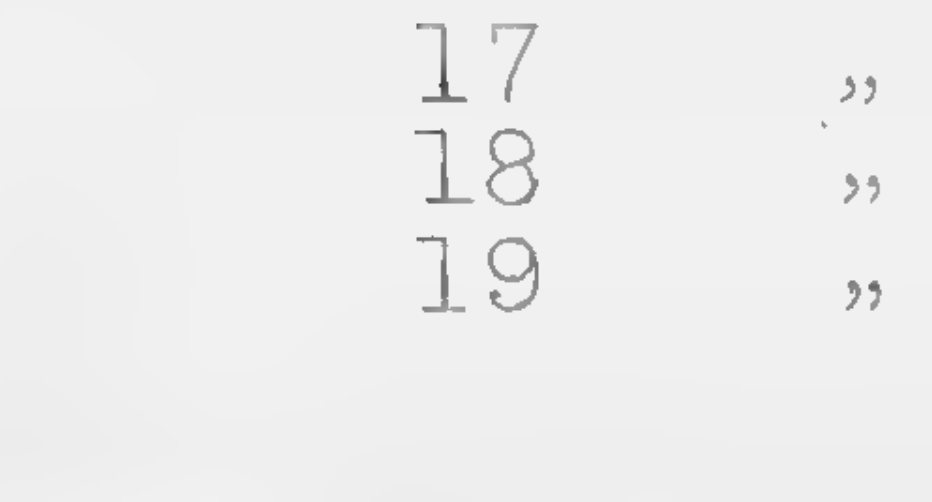
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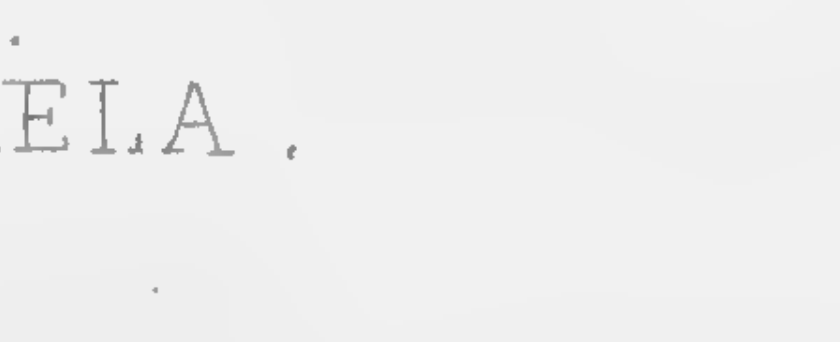
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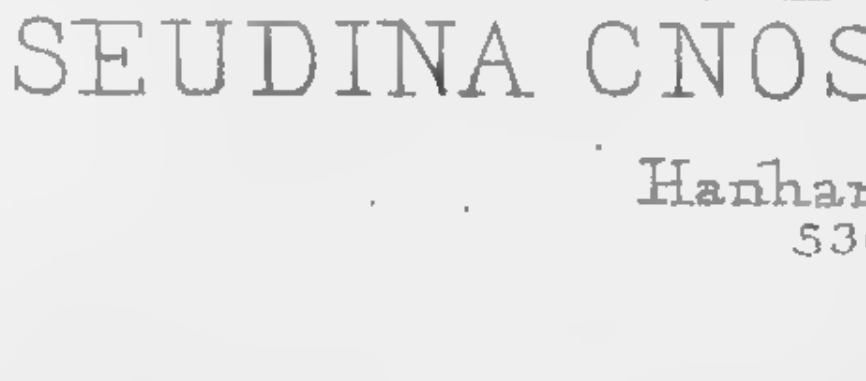
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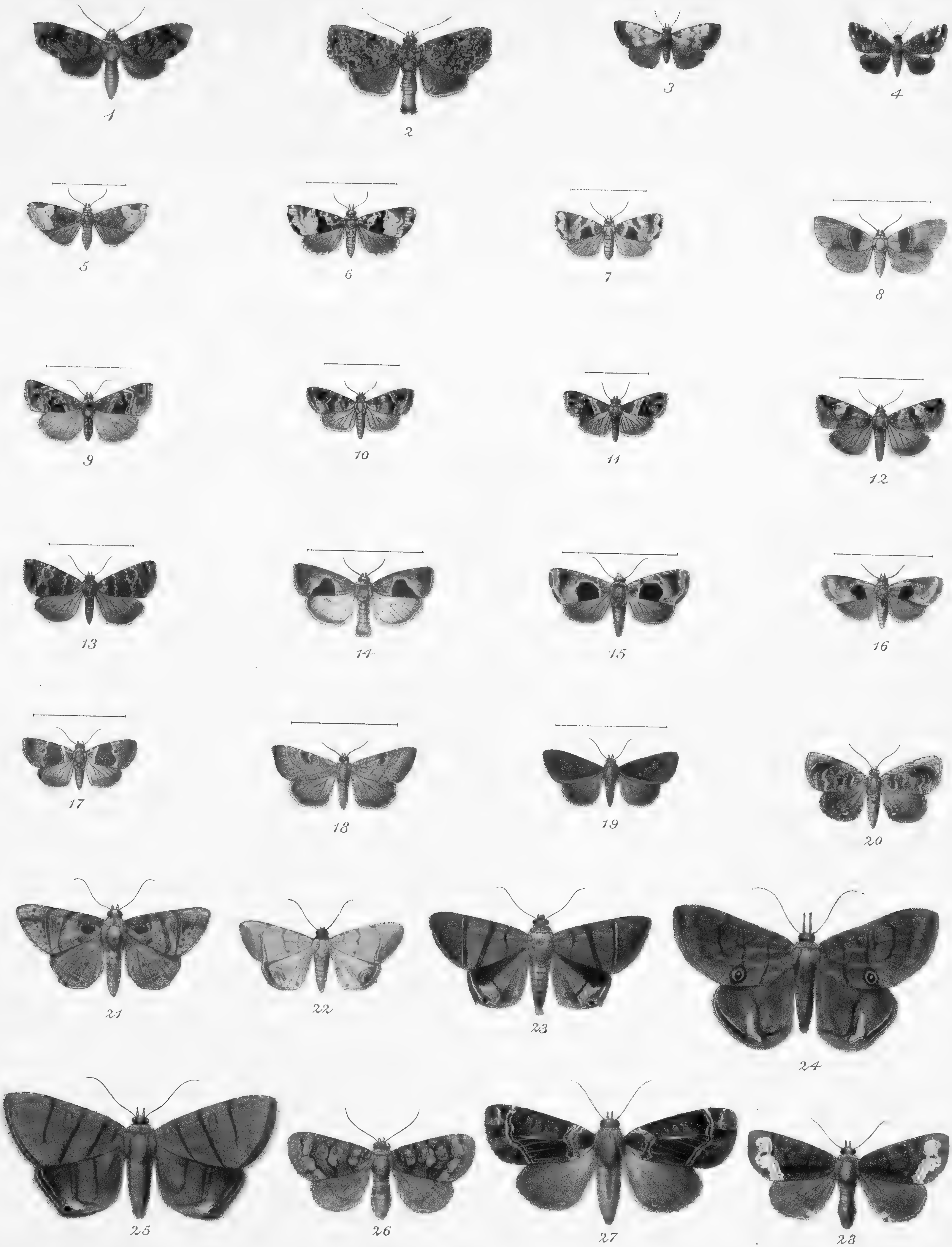
1 XYLINA ESULA.
2 „ LYTÆA.
3 CUCULLIA PHOCYLIDES.
4 ANTHŒCIA EMESSA.
5 „ SCIRA.
6 ADISURA IMITATA.
7 AGROPHILA CLETA.
8 „ PHÆNNA.
9 METOPONIA DEMO.

W. Purkiss lith.

10 METOPONIA PRIMULINA.
11 „ (?) PROCIDA.
12 EUGRAPHIA EFFUSA.
13 XANTHODES LAVERNA.
14 „ MALACHA.
15 „ (?) PAULINA.
16 ACONTIA PHECOLISCA.
17 „ EMBOLIMA.
18 „ APELA.
19 „ PHILOMELA.

20 ACONTIA PHYA.
21 „ VALENA.
22 „ PHÆNNA.
23 „ COSTALIS.
24 „ (?) DAMIA.
25 „ DACIA.
26 „ CRATINA.
27 DACIRA FORRERI.
28 PSEUDINA CNOSSIA.

Hanhart imp.
530.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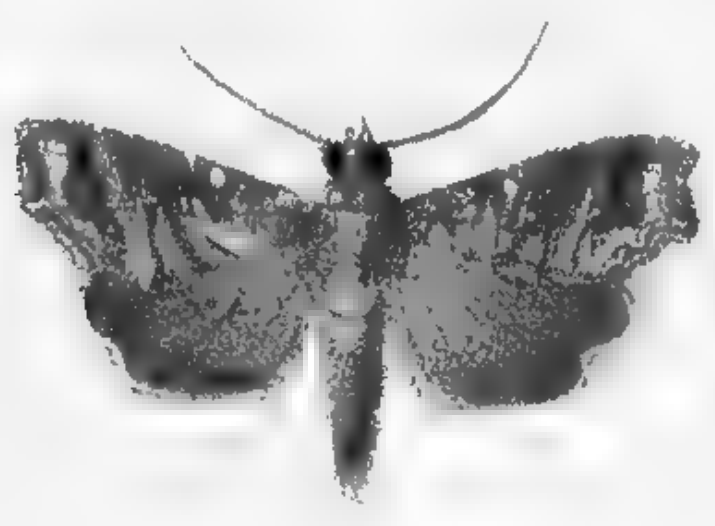
1 DROBETA TIRESIAS.
2 „ ITHACA.
3 EUSTROTIA CATÆA.
4 „ GLYCERA.
5 „ CATILINA.
6 „ NUMA.
7 „ GIRBA.
8 „ FAUSTA.
9 „ CATIENA.

10 EUSTROTIA GETA.
11 „ GILDA.
12 „ FANNIA.
13 „ CATADA.
14 THALPOCHARES HARUDES.
15 „ IDICRA.
16 „ HIRASA.
17 „ HIPPOTES.
18 „ BIAS.

19 THALPOCHARES HIPPOTAMADA.
20 CALYDIA HEMITHEA.
21 PALINDIA MUSTELA.
22 „ MICCA.
23 „ DEVA.
24♂, 25♀ DYOMYX LINEATA.
26 DYOPS JUBA.
27 „ PHILA.
28 „ MINTHE.

W. Purkiss lith.
Hanhart imp.
531.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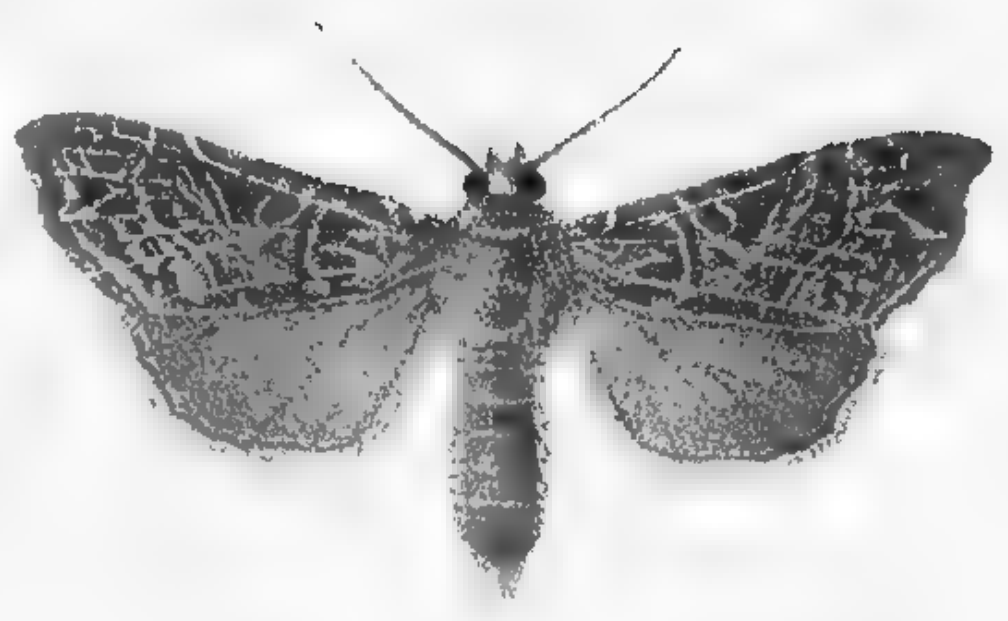
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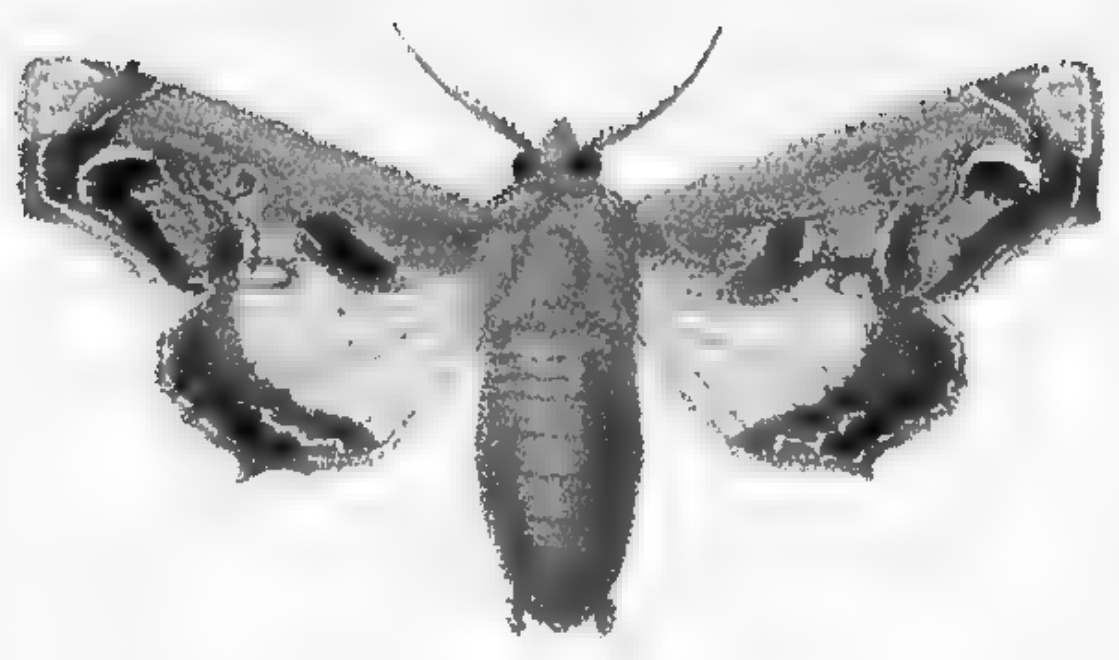
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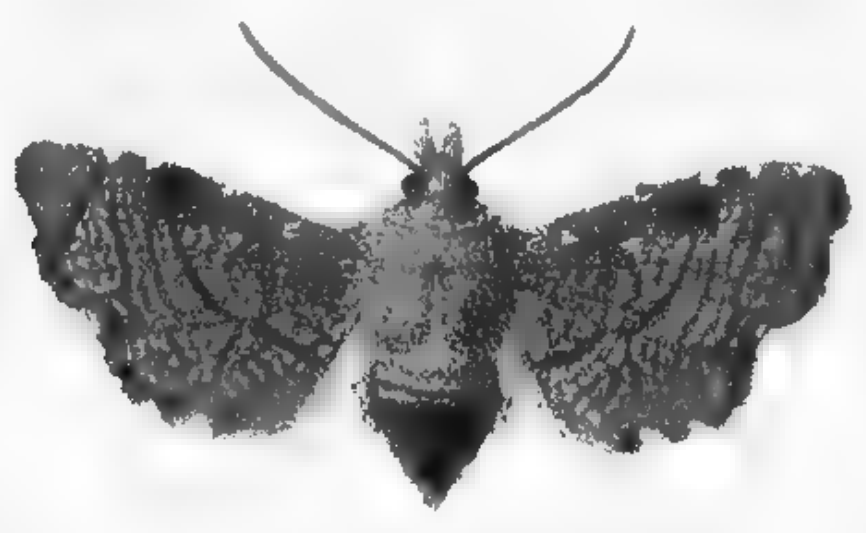
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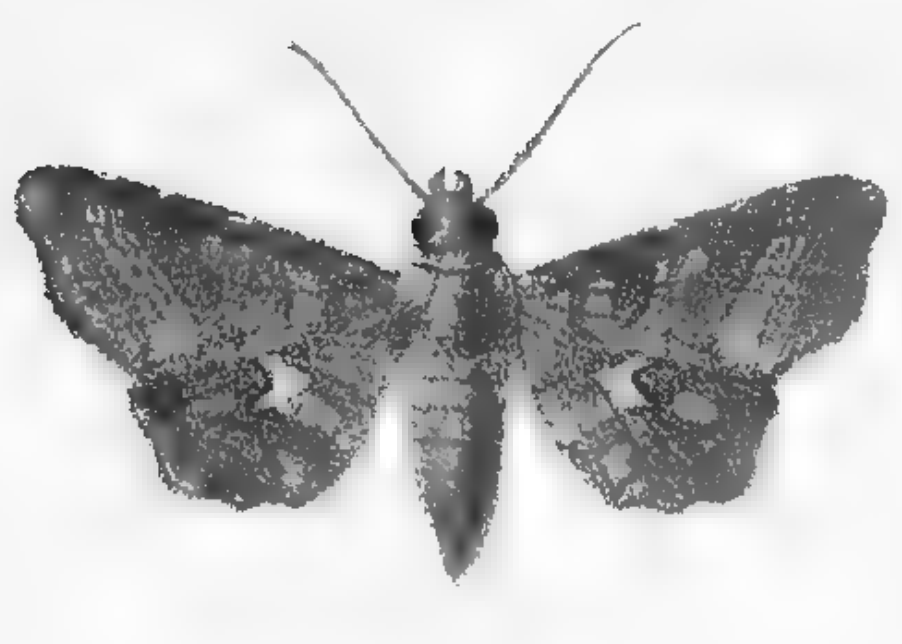
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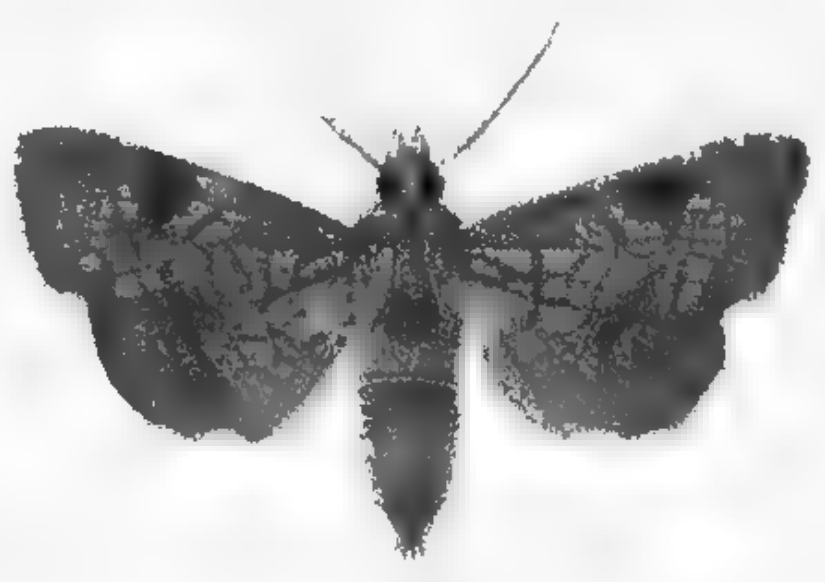
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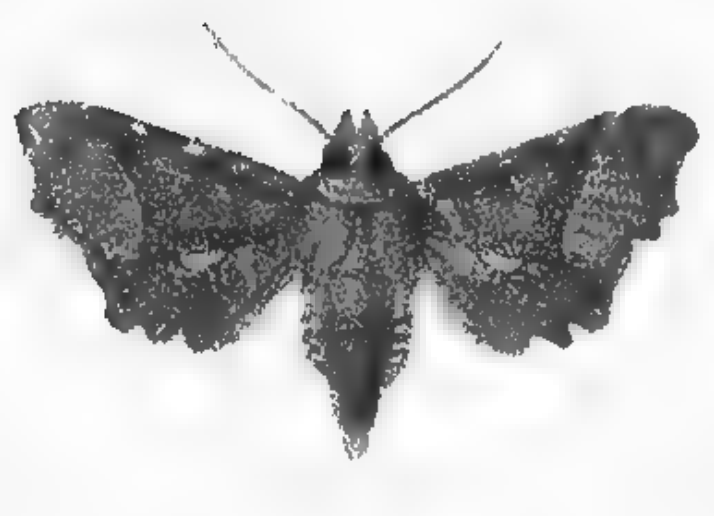
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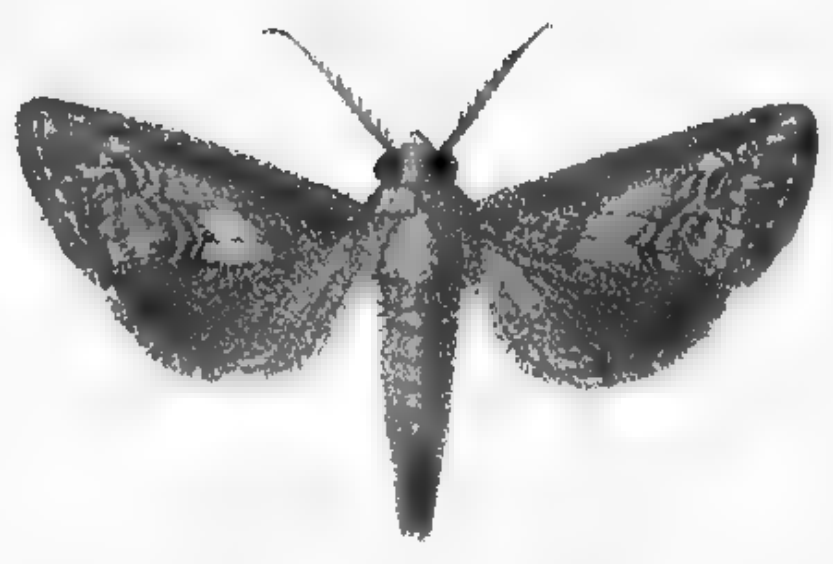
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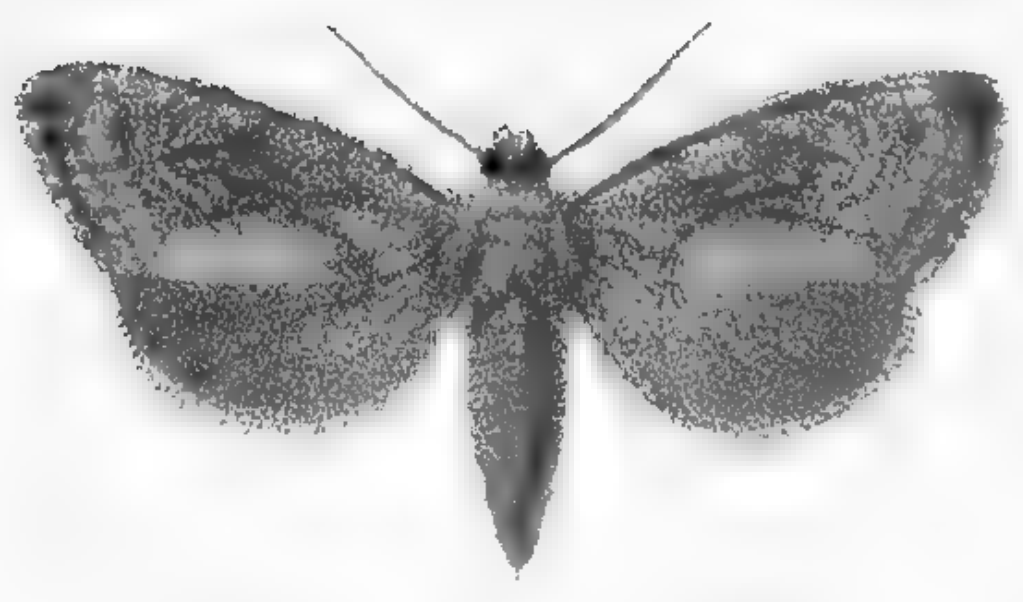
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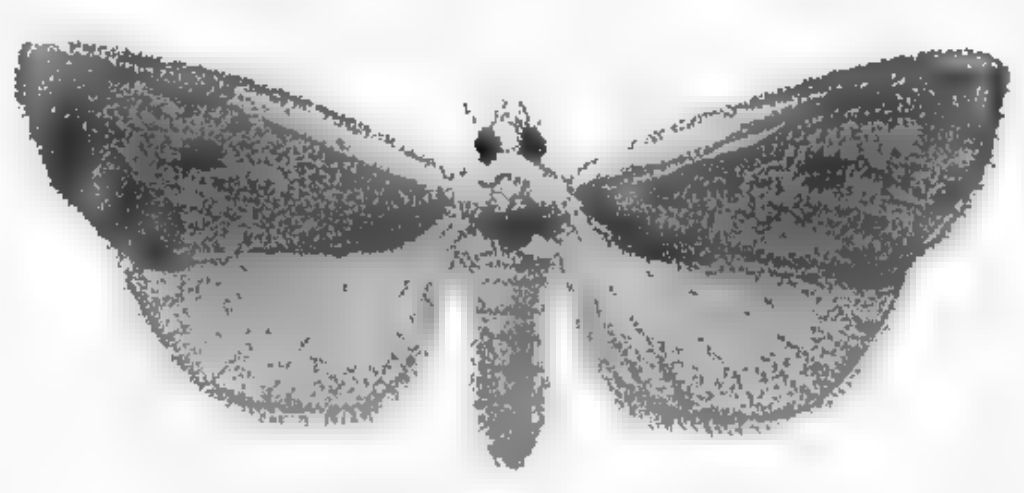
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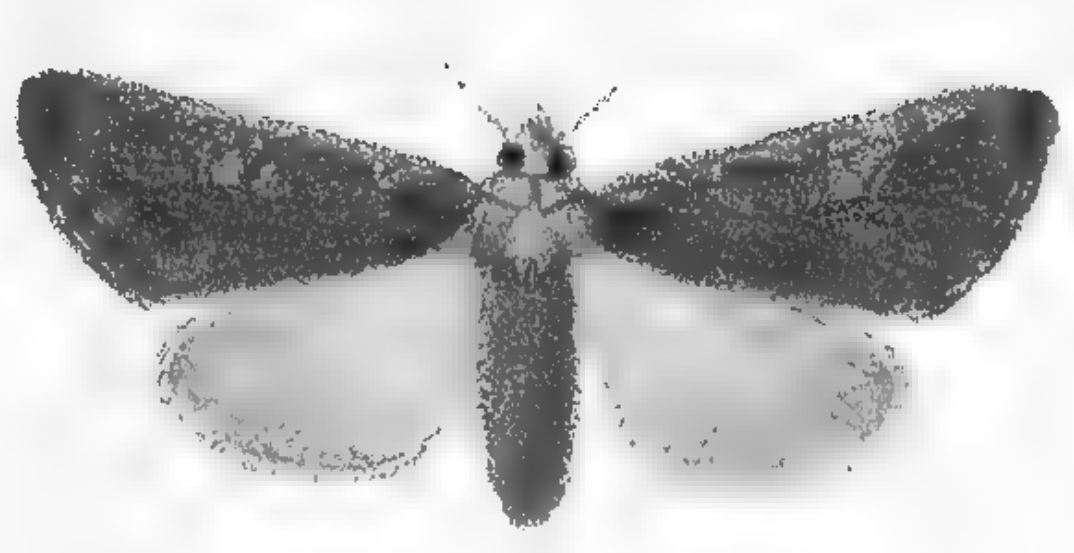
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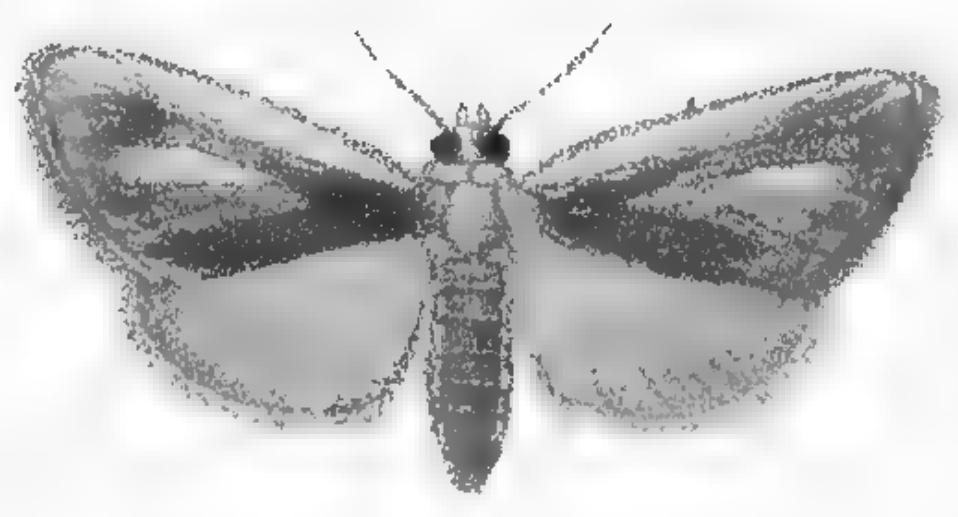
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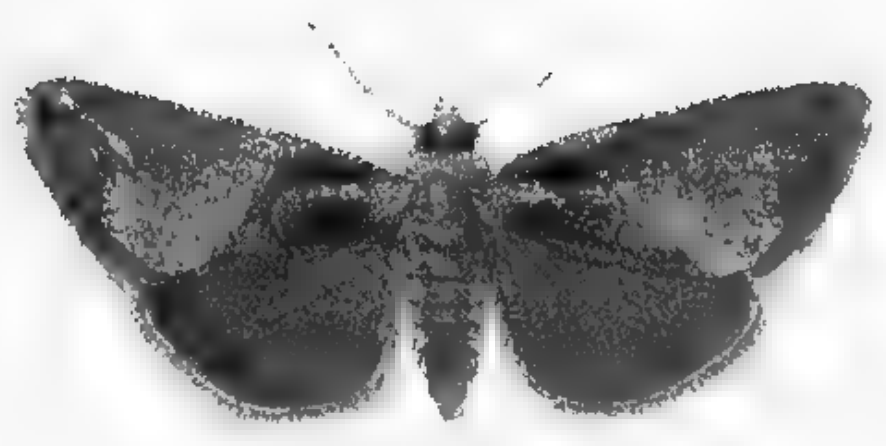
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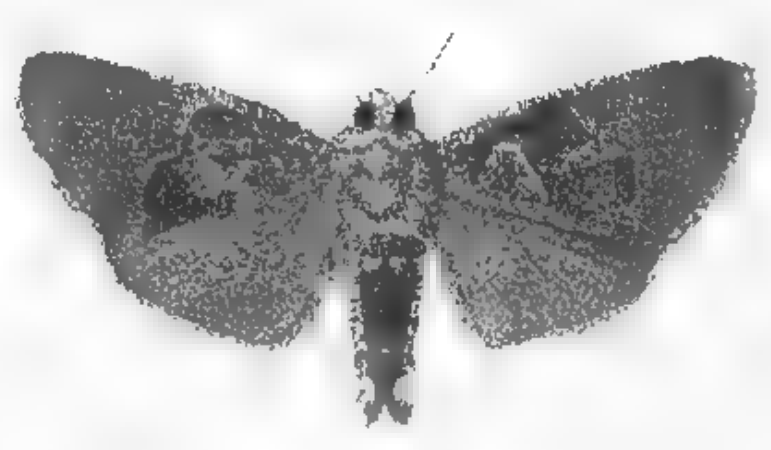
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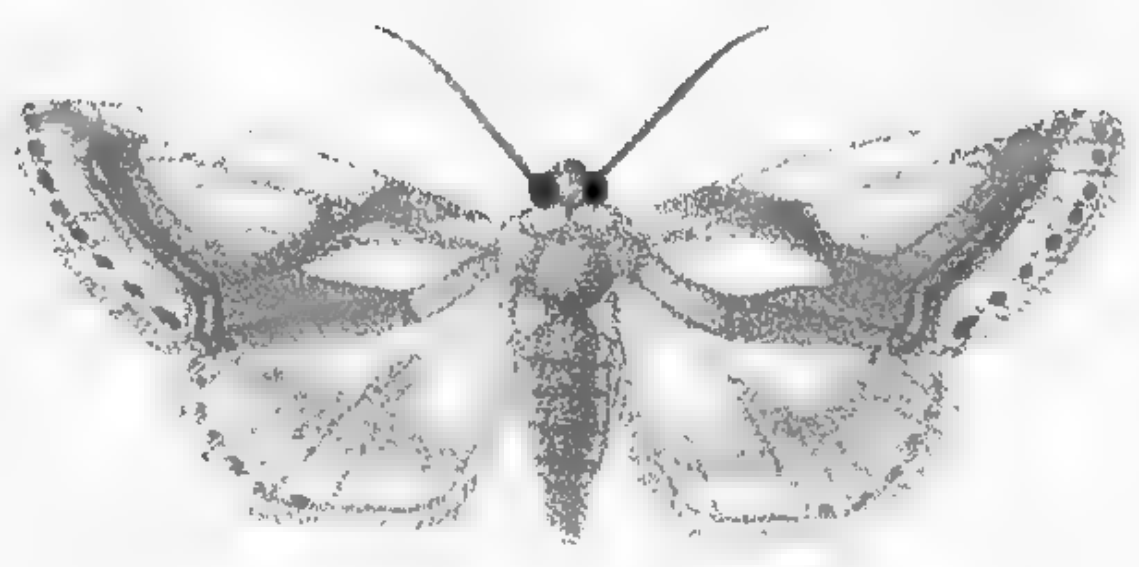
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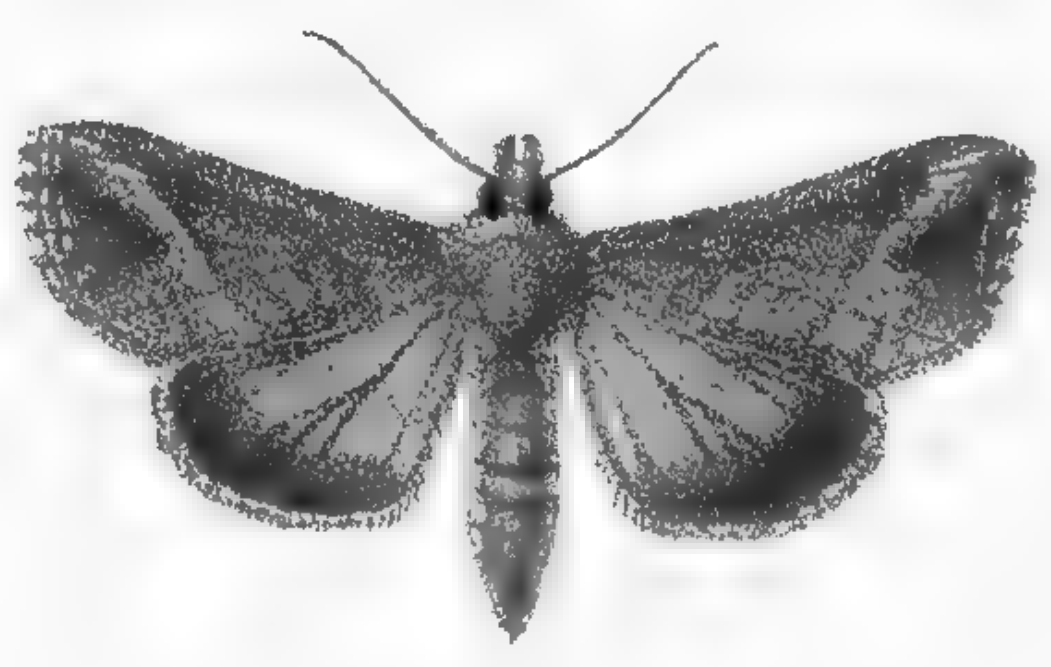
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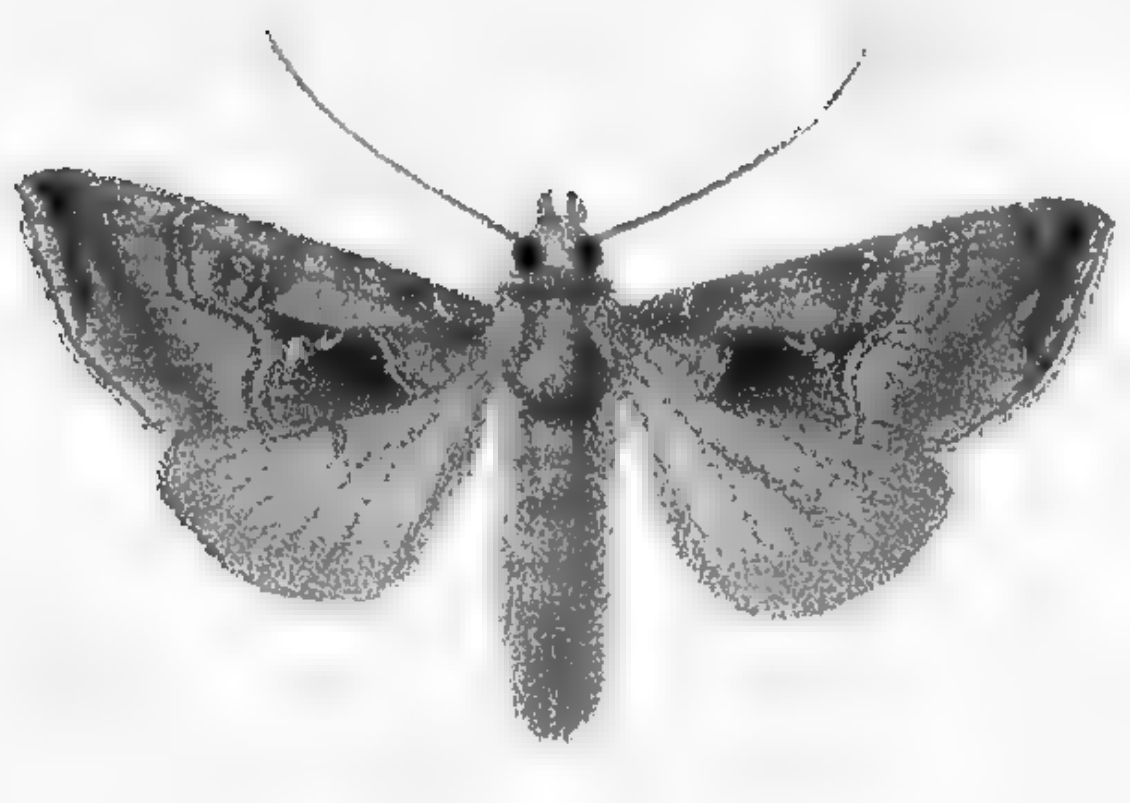
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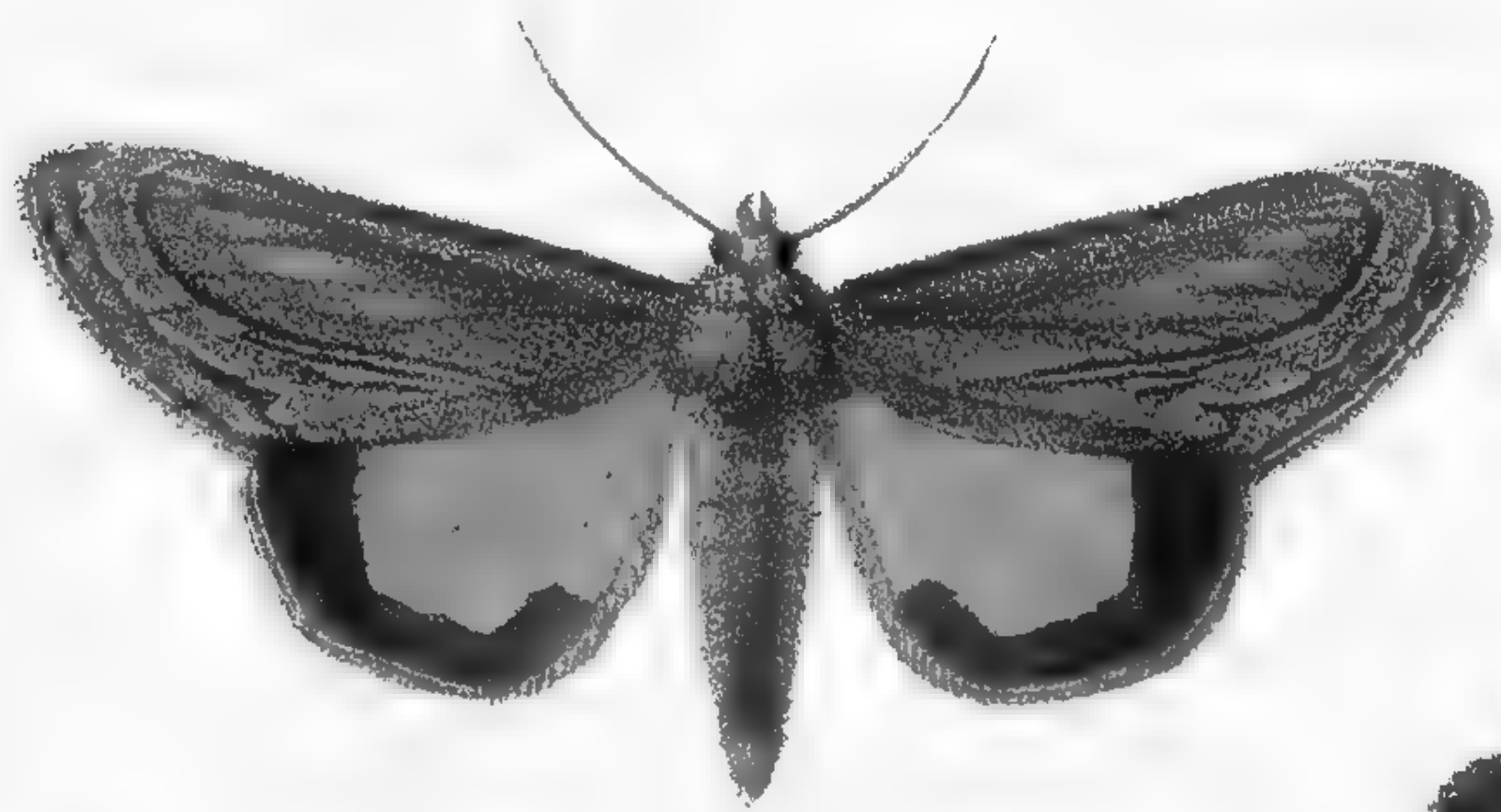
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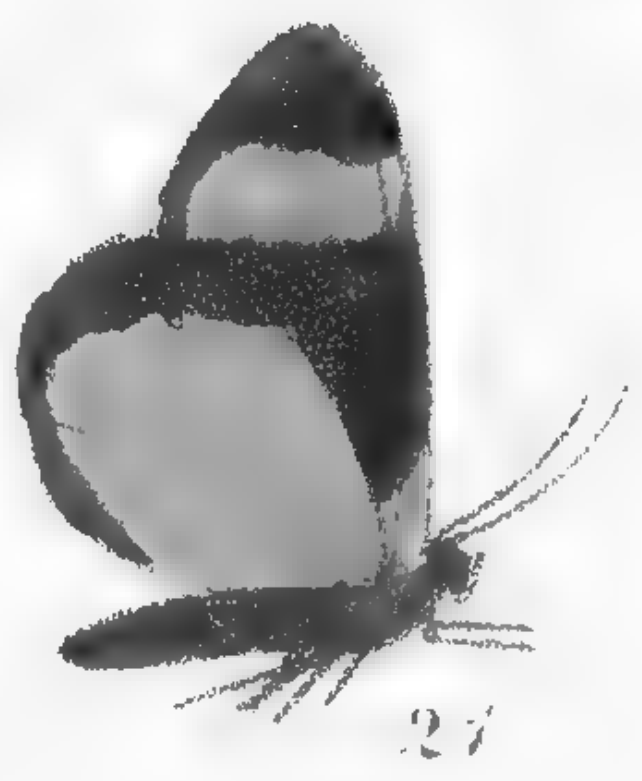
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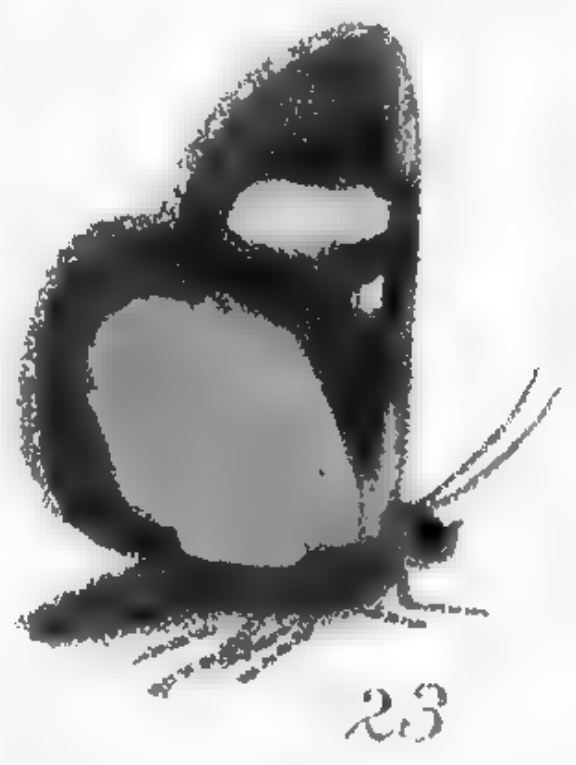
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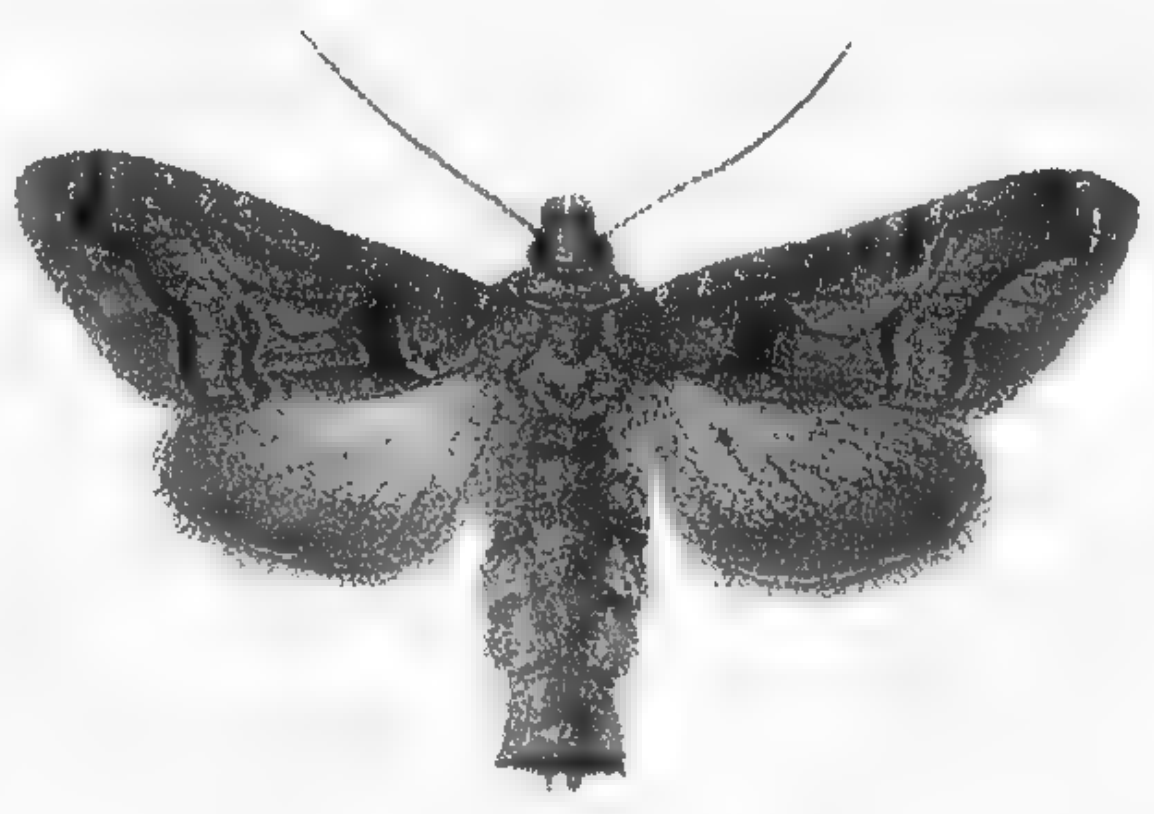
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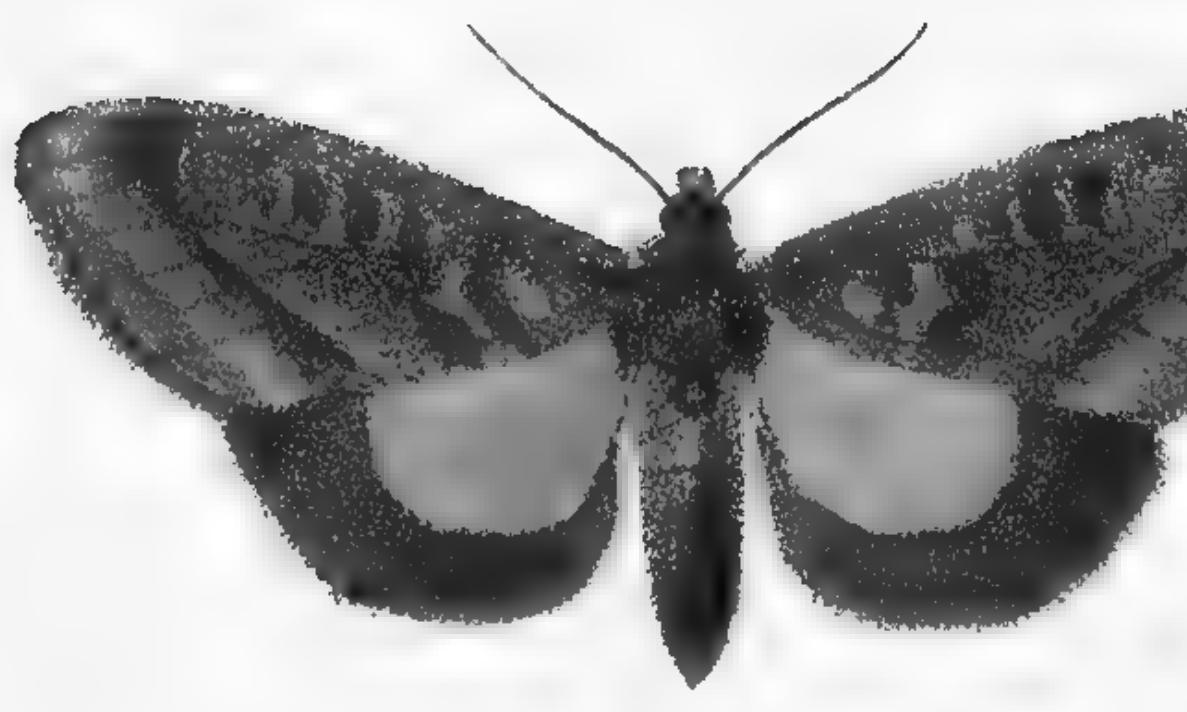
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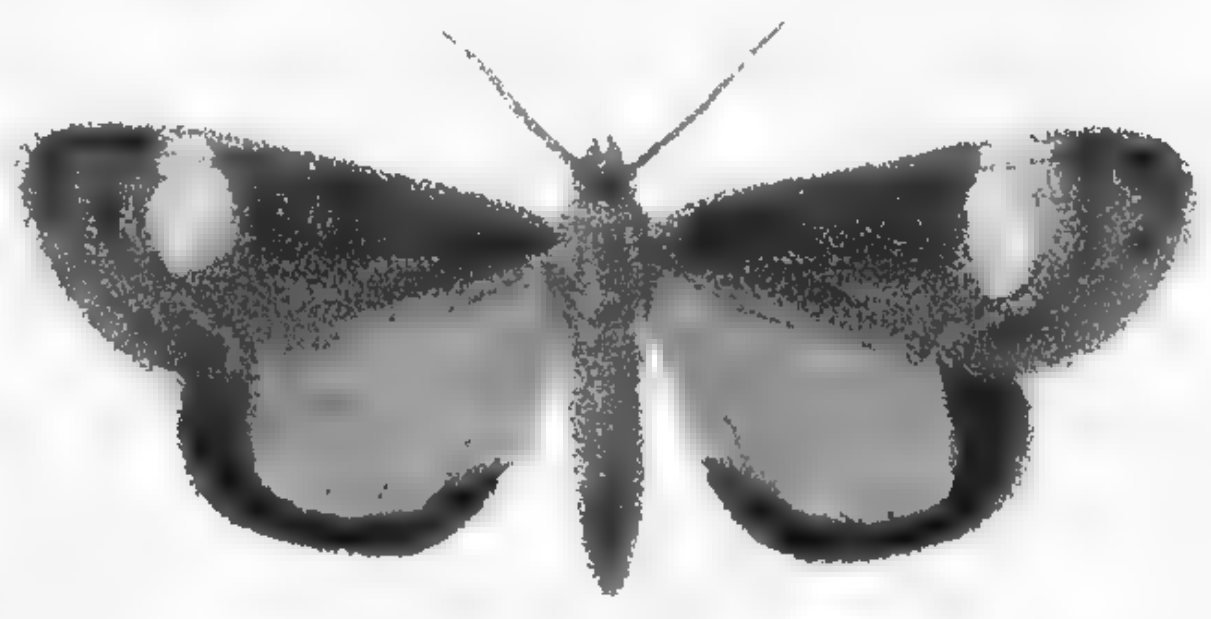
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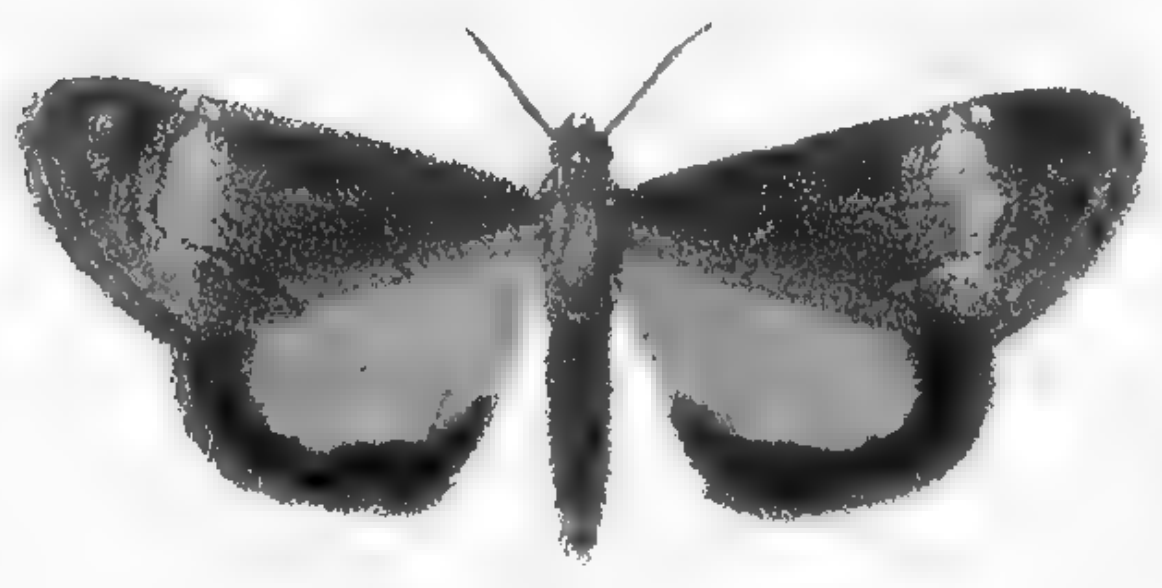
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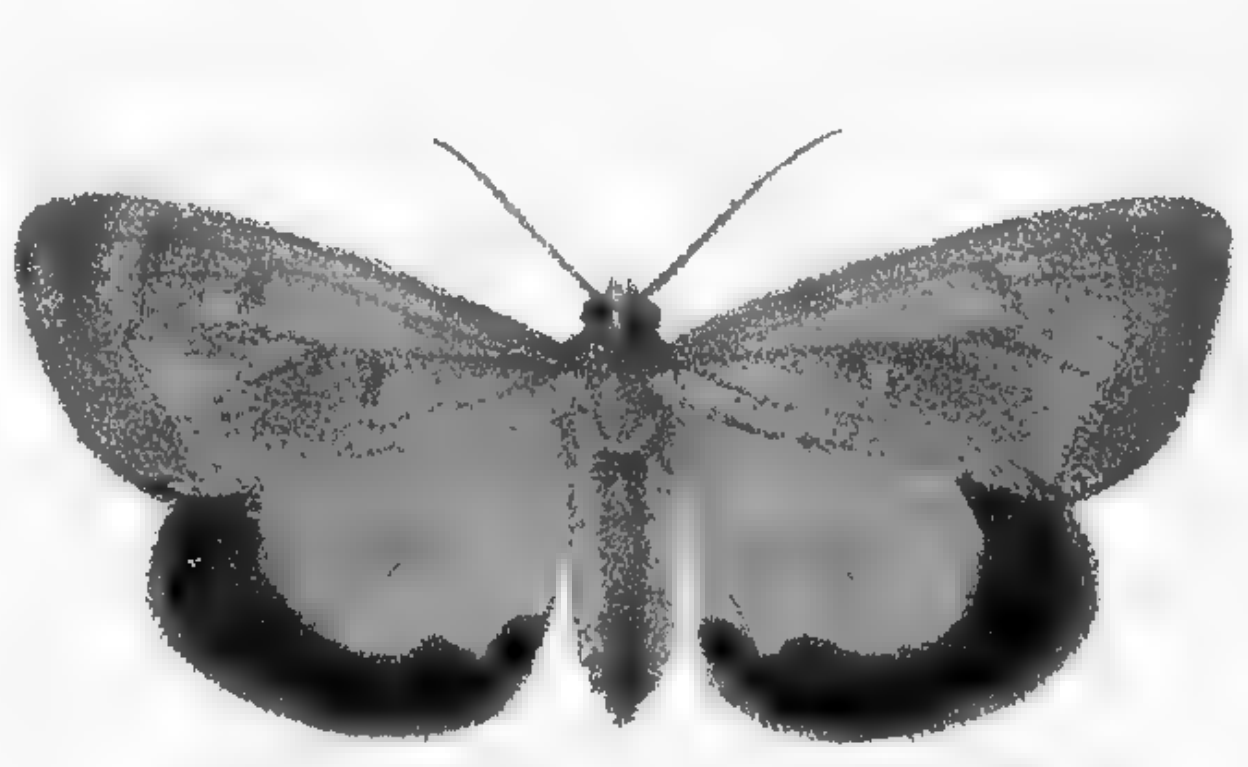
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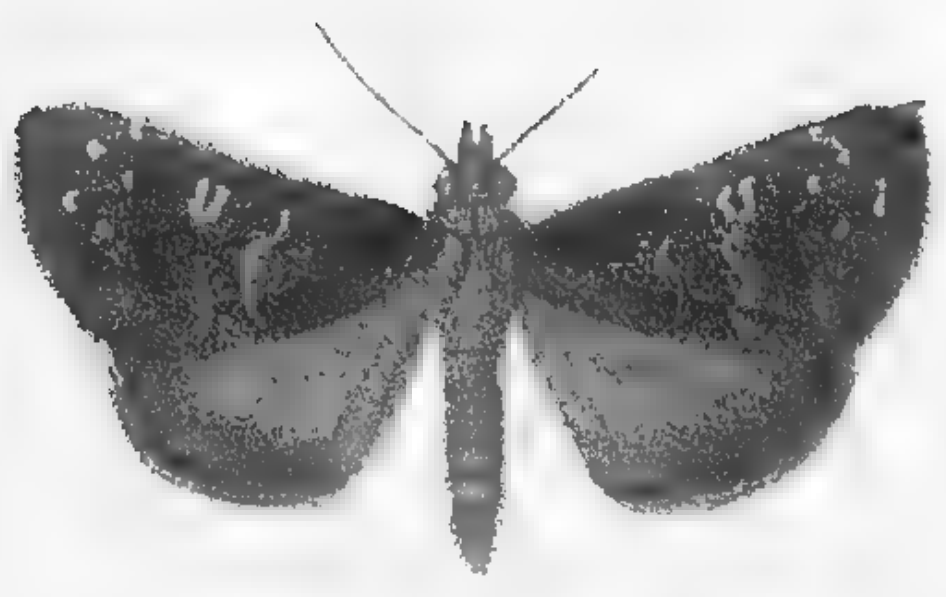
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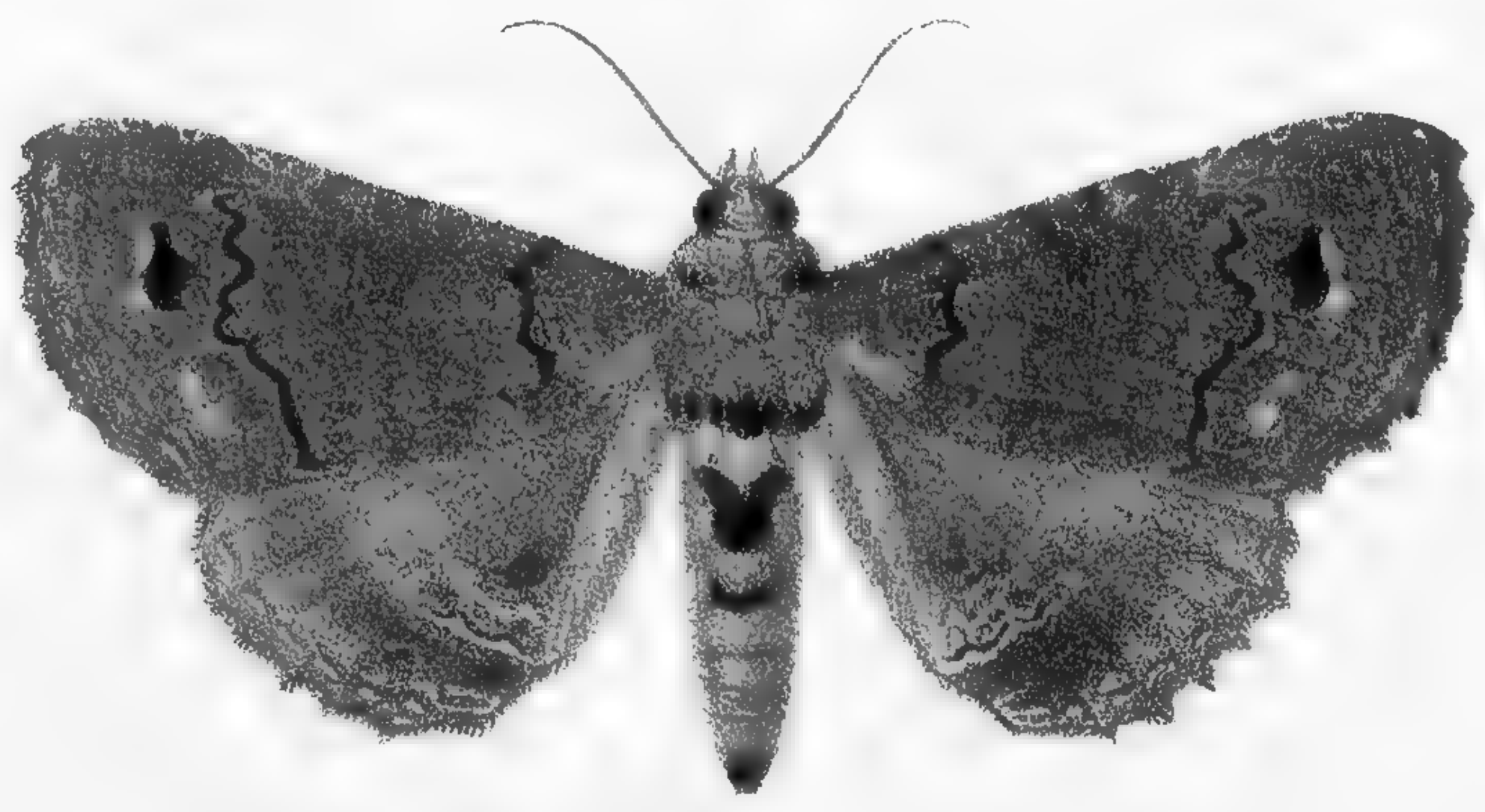
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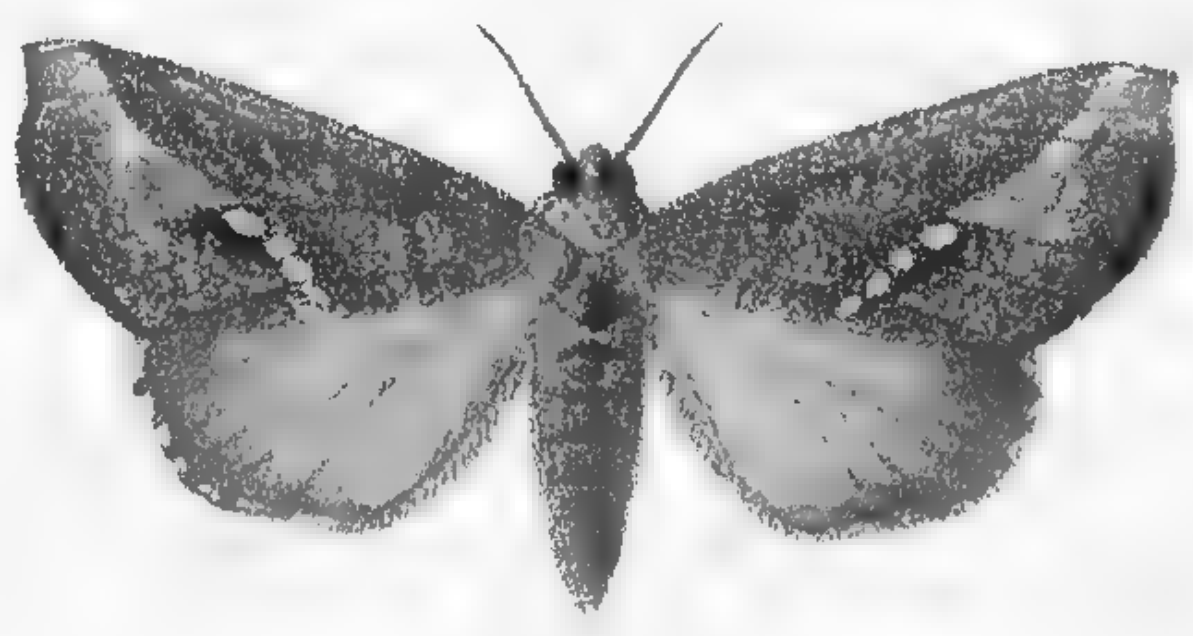
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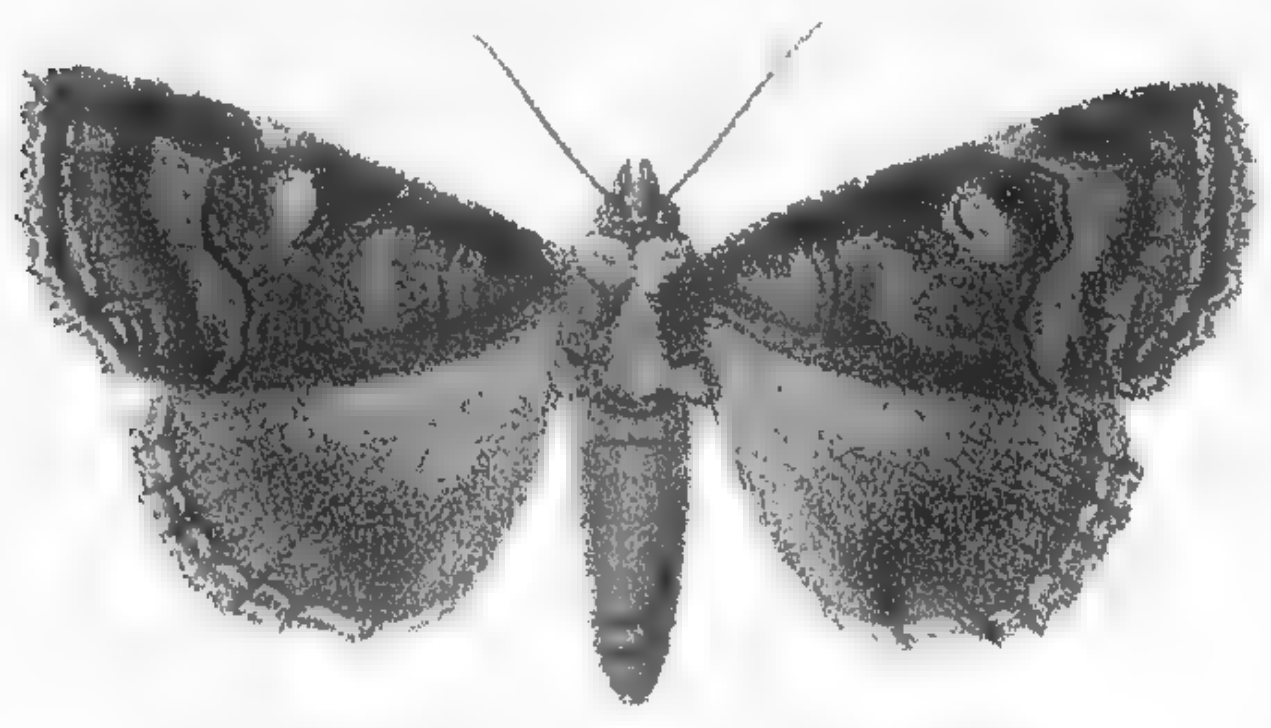
1 CALLOPISTRIA MEXICANA.
2 ,, PANAMENSIS.
3 PENICILLARIA ABSCONDENS.
4 DYSODIA SICA.
5 ,, NIPSA.
6 ,, LUSIA.
7 ,, LINEATA.
8 INGURA MURINA.
9 ABROSTOLA ADRANA.

10 PLUSIA CORONIDES.
11 ,, ARIANDA.
12 ,, SMITHI.
13 ,, ACANTHA.
14 ,, ACEMA.
15 ,, (?) ARGYRA.
16 ,, ABEONA.
17 ,, LONGICORNIS.

18 DIAMUNA LONGIPES.
19 PLUSIA ABROTA.
20 DIAMUNA ADRASTA.
21, 22 ,, ÆDESSA.
23, 24 ,, ÆLIA.
25 CLITIS PRIMULINA.
26 ANOMIS ARICINA.
27 BARYDIA SEVERA.
28 HYPSOROPHA ADEONA.

W. Purkiss lith.
Hanhart imp.
535.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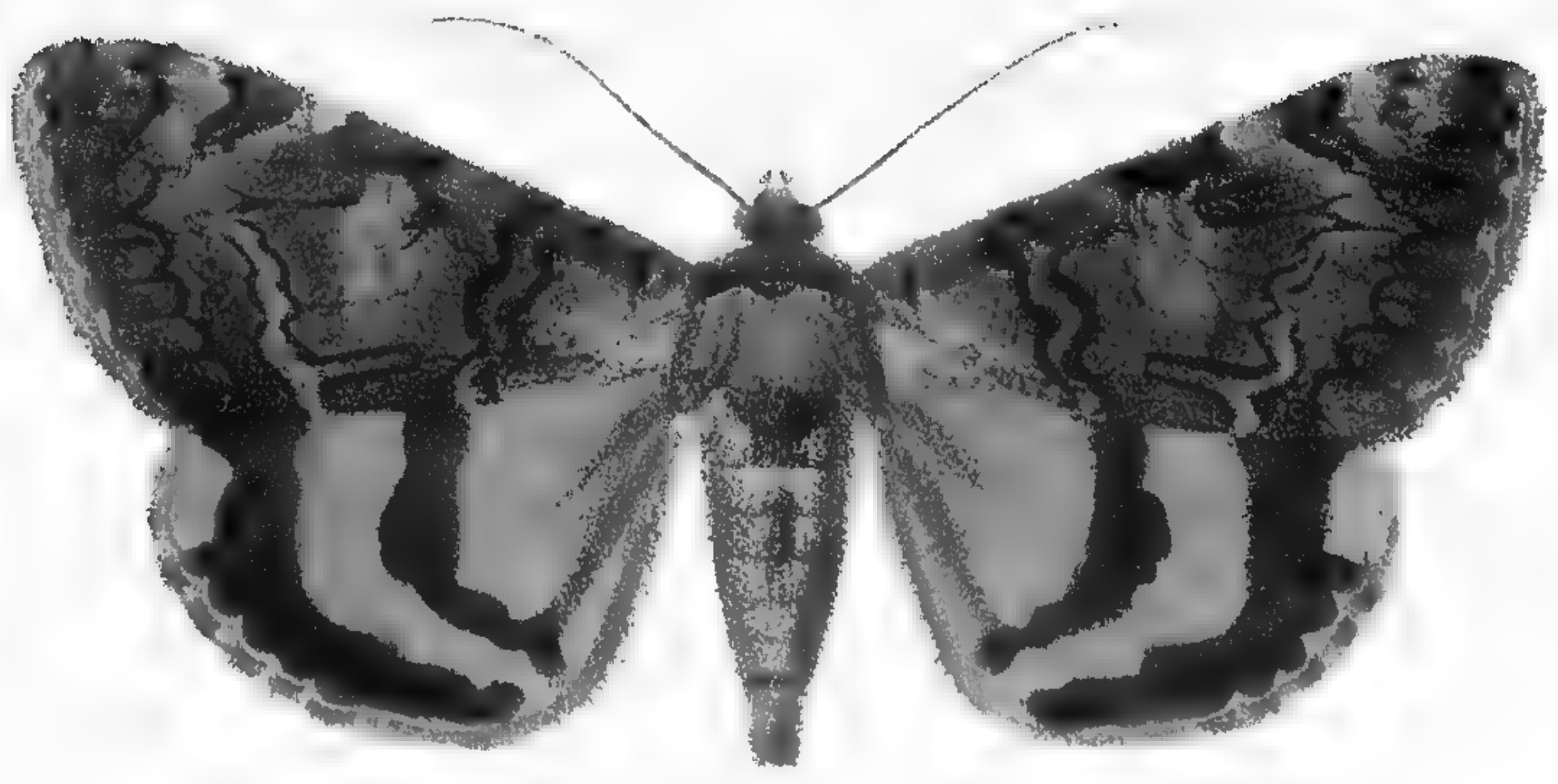
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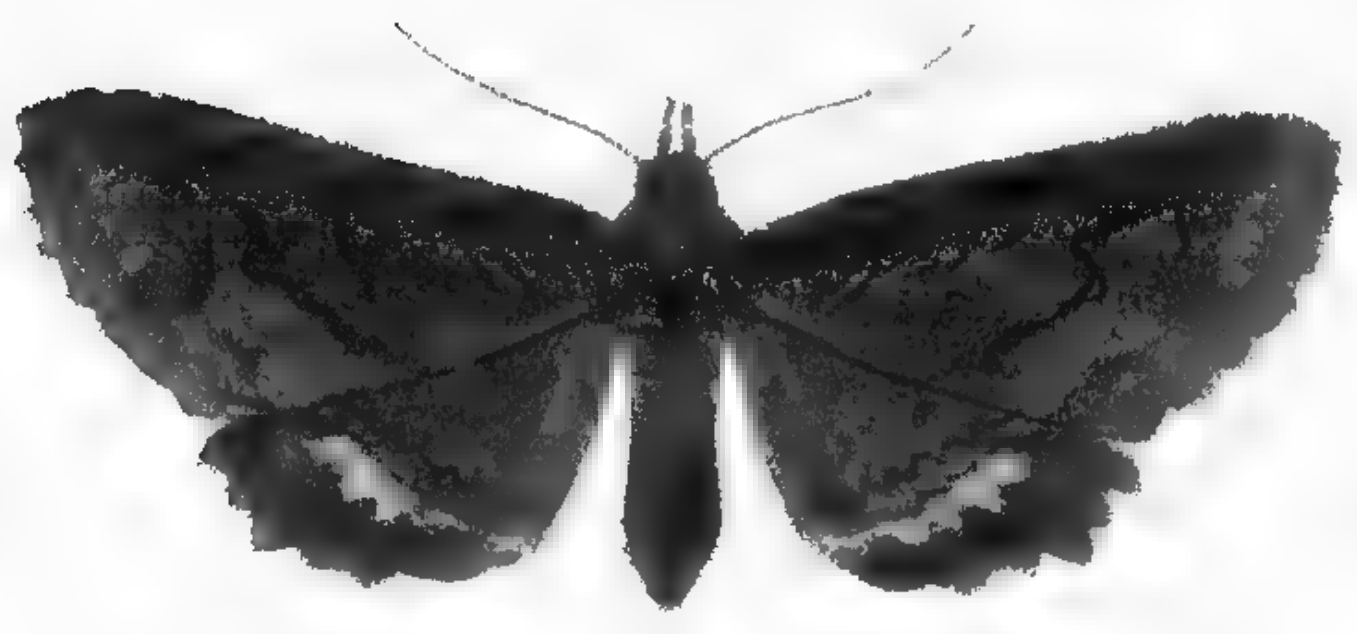
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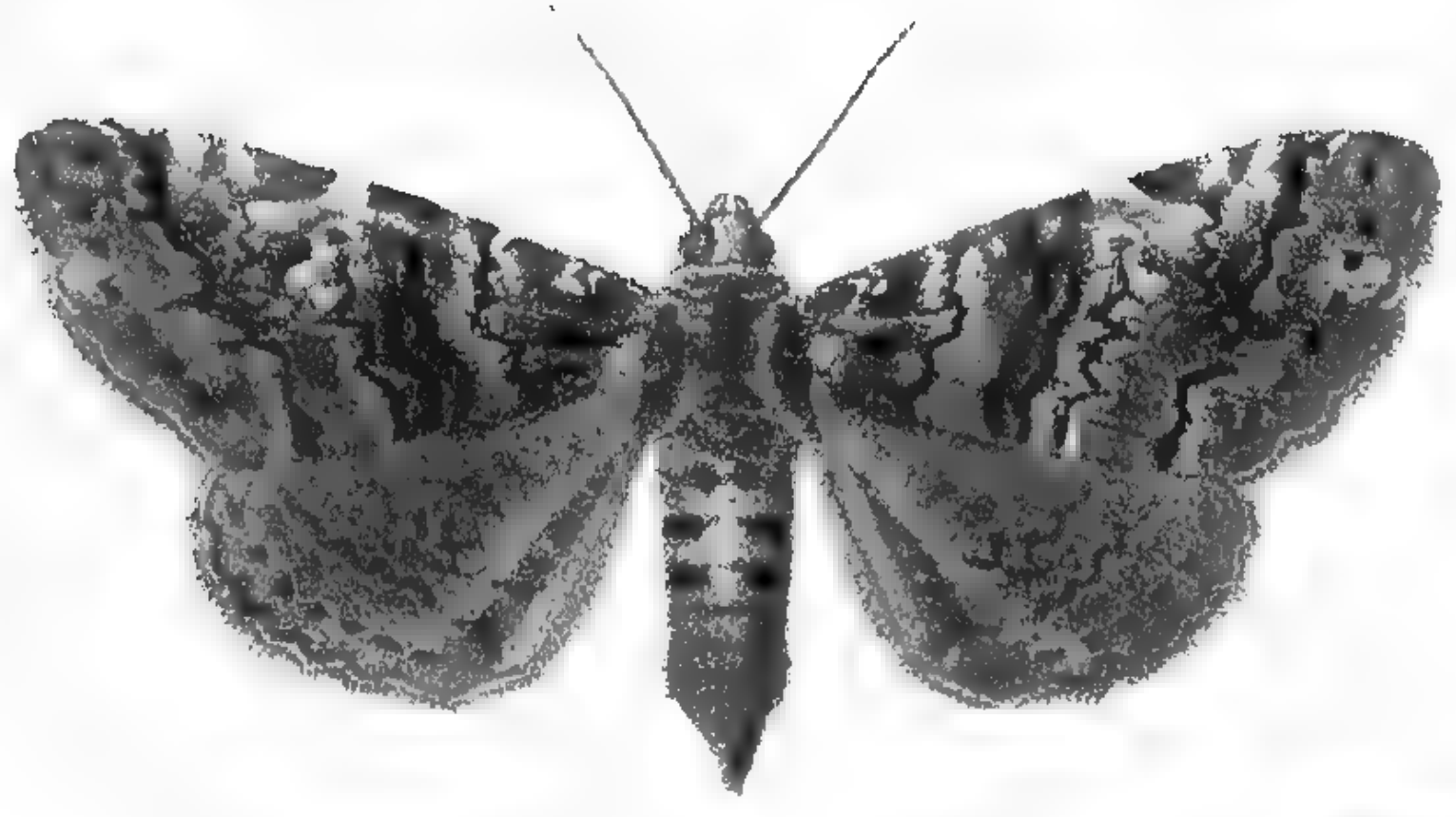
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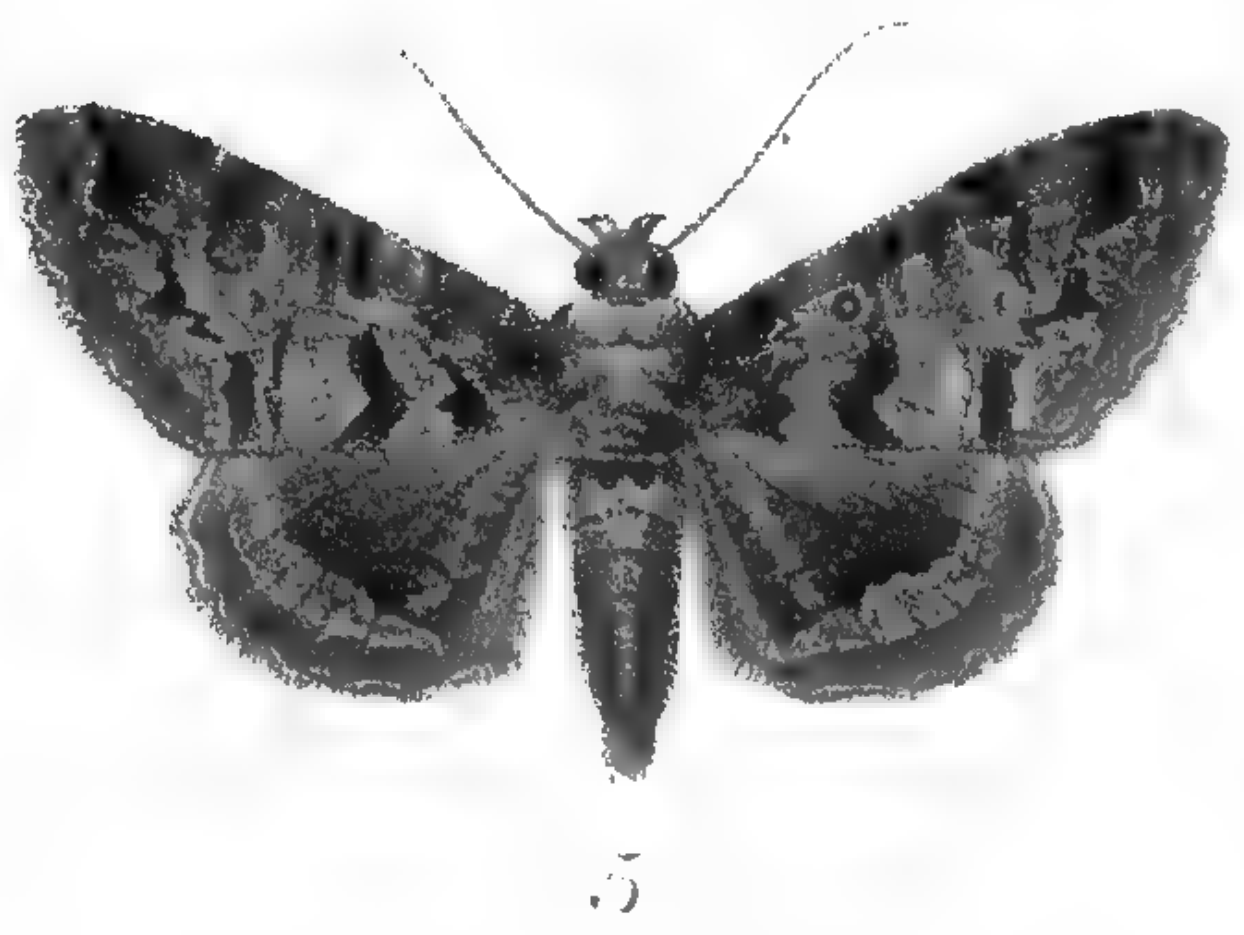
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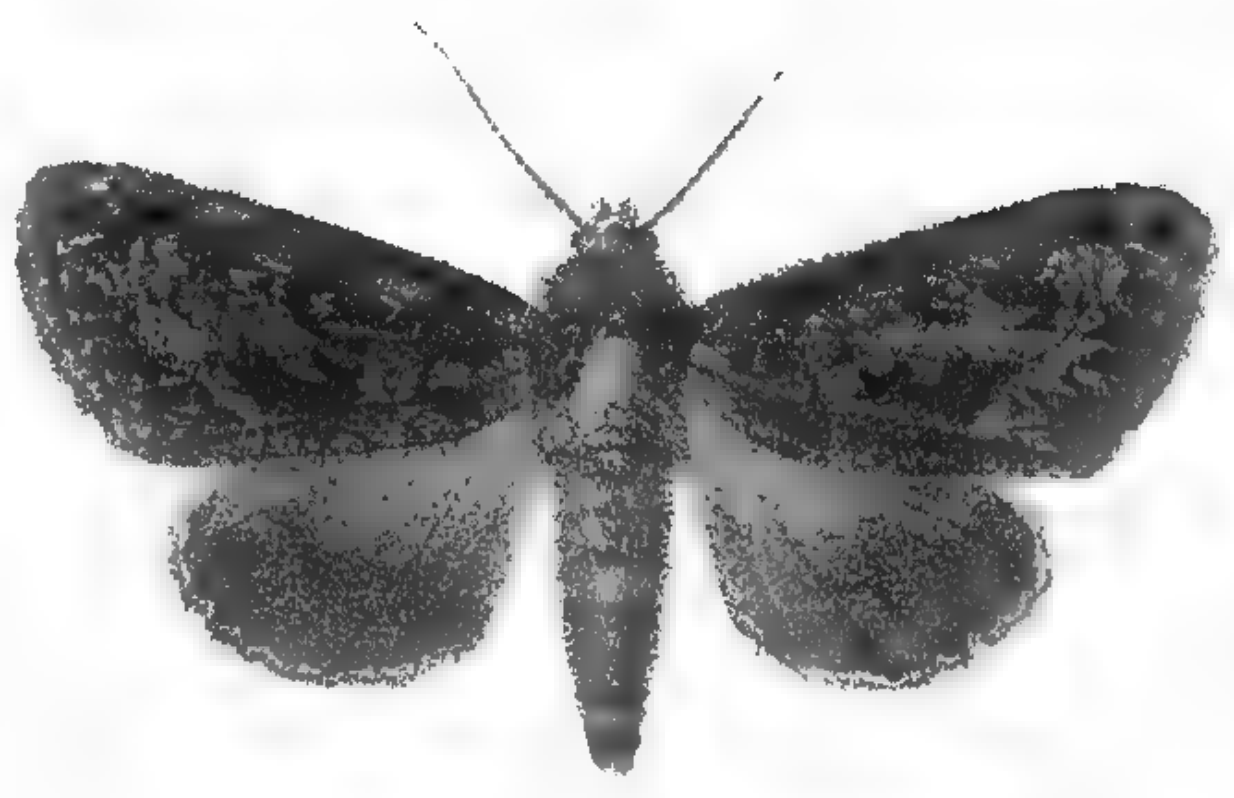
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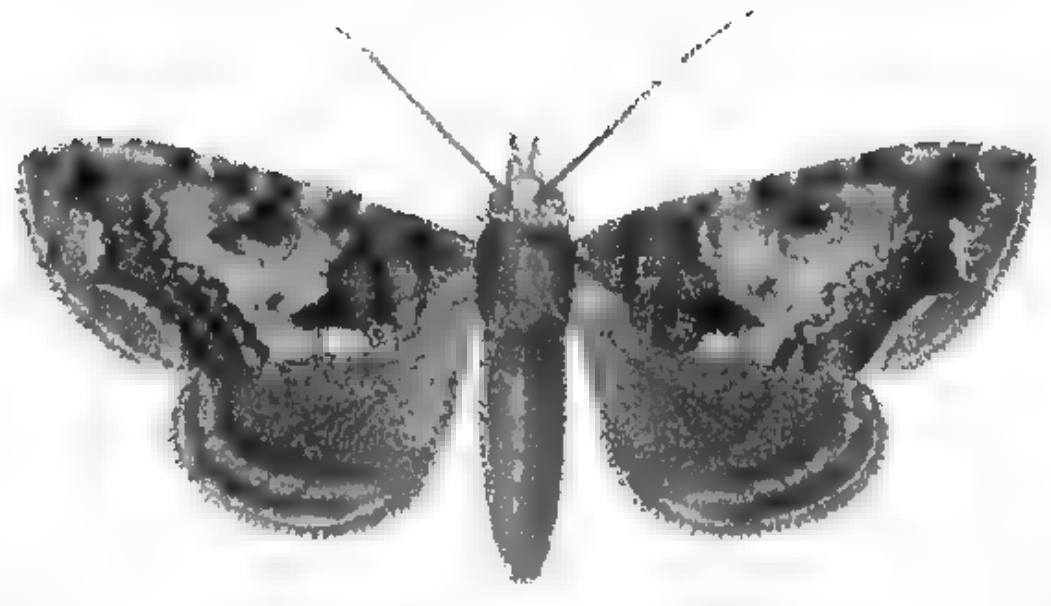
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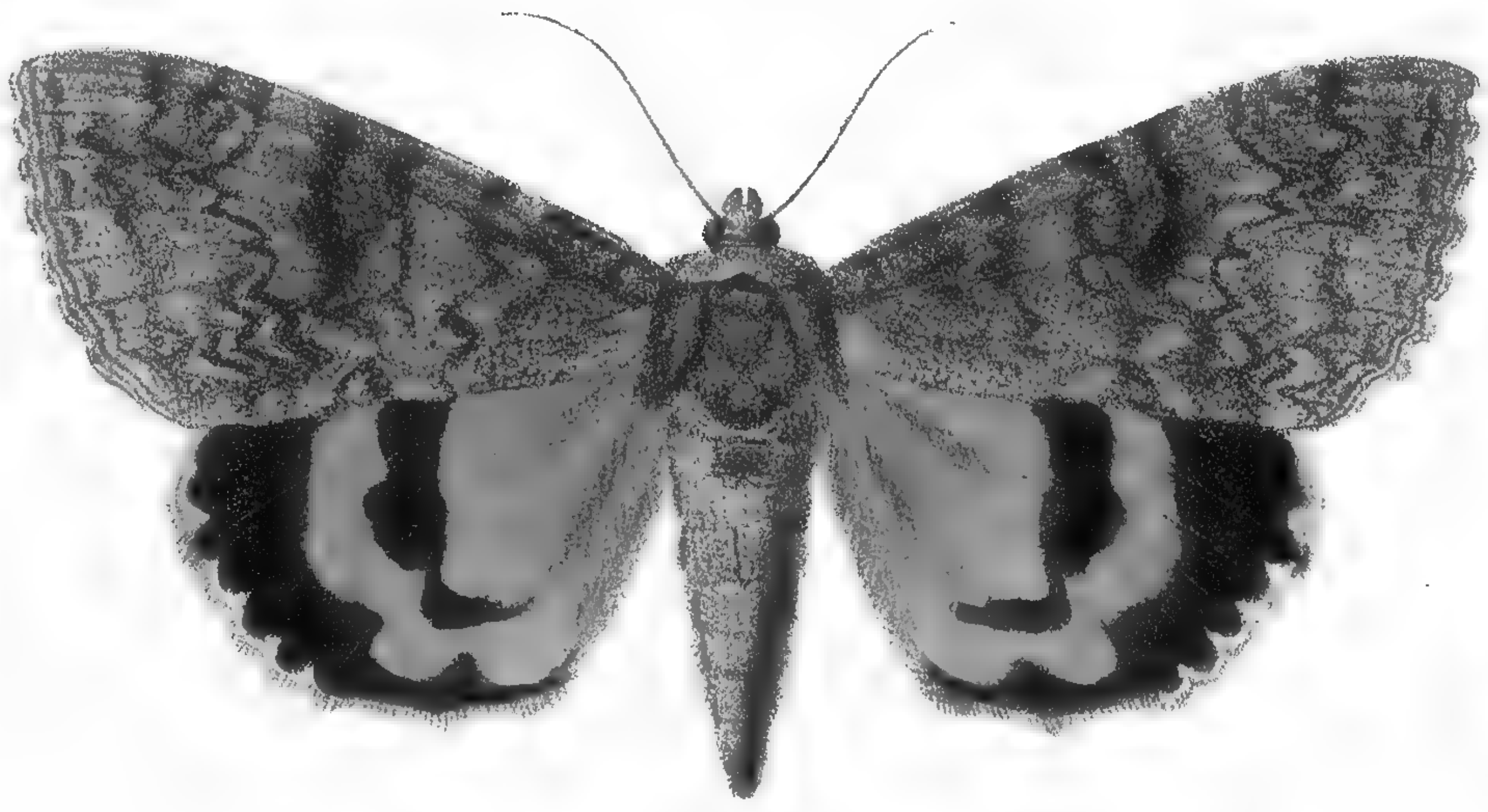
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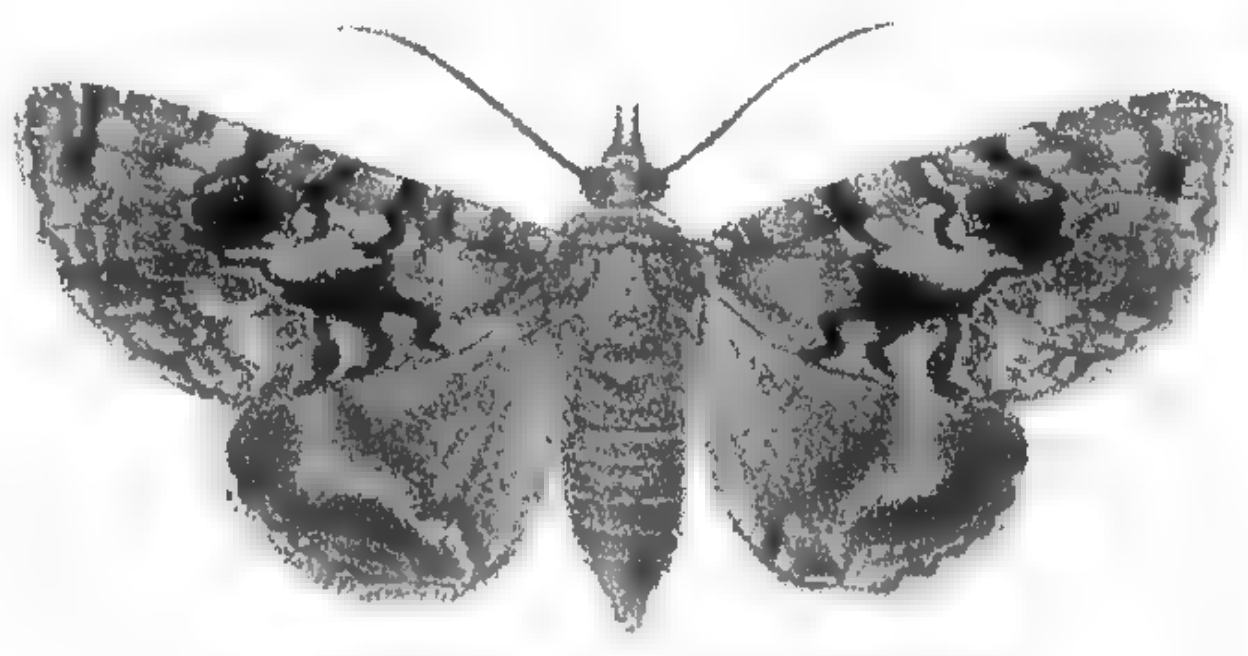
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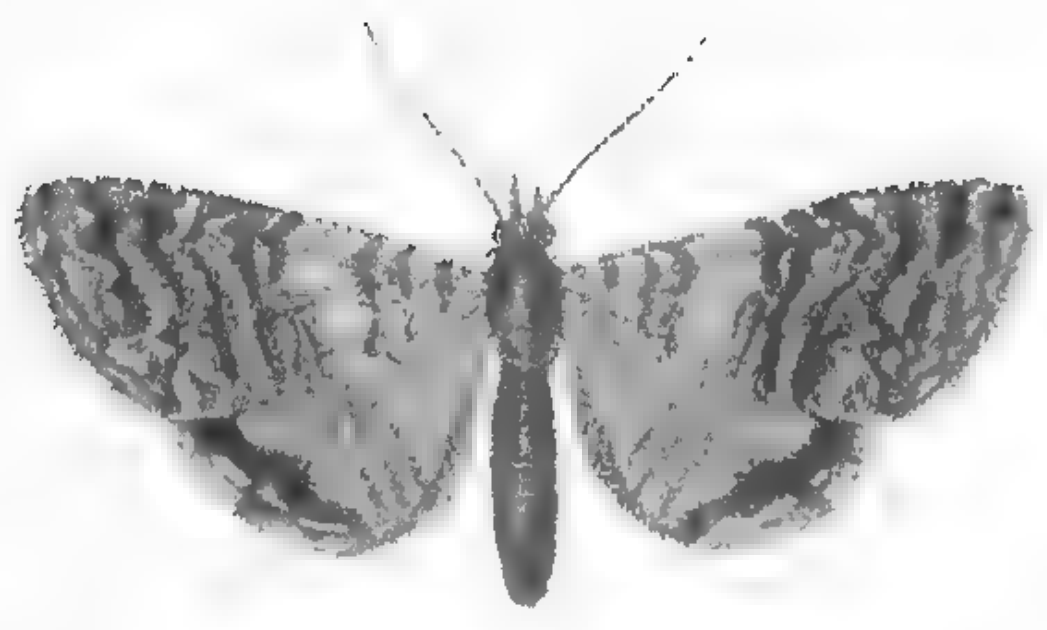
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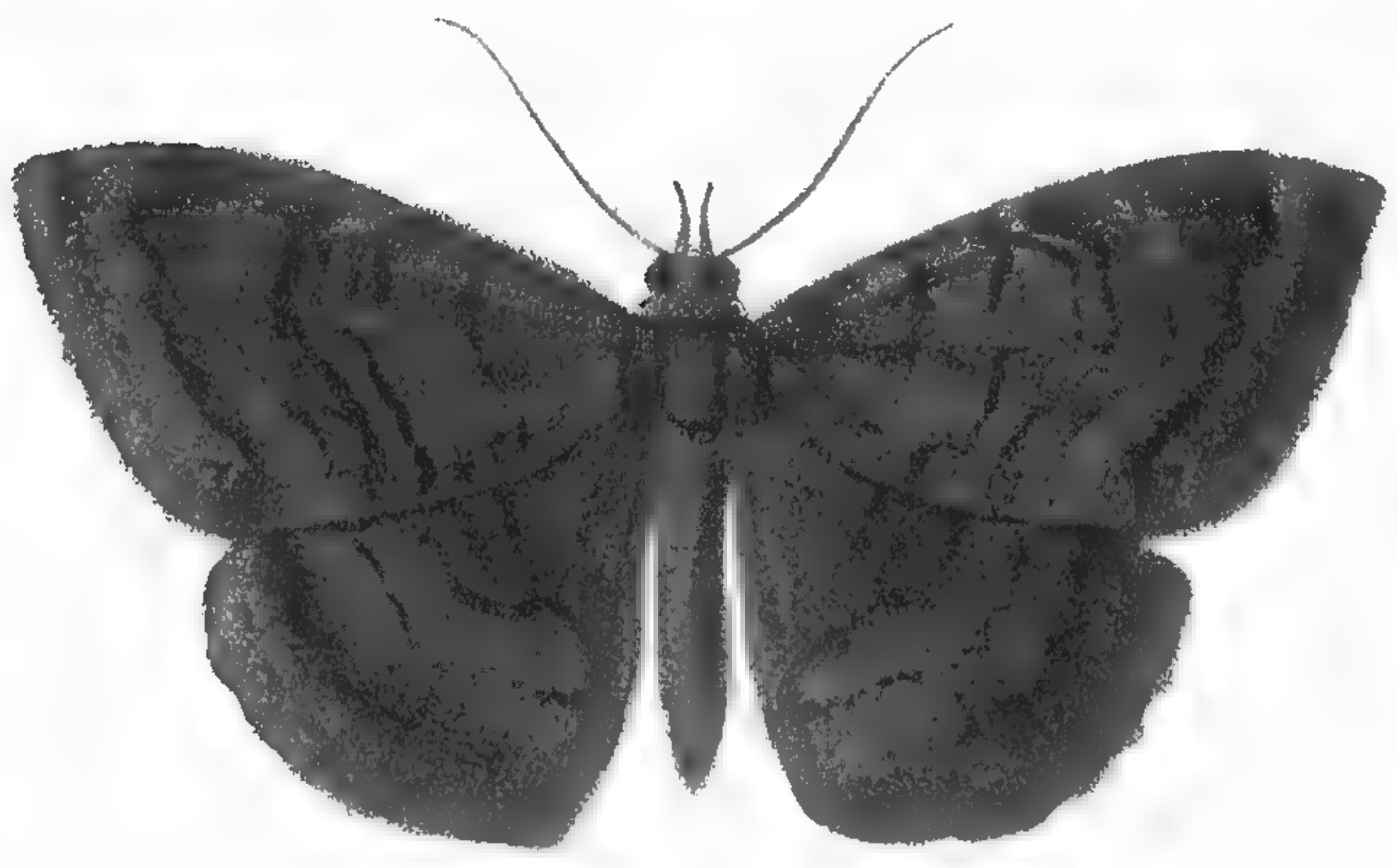
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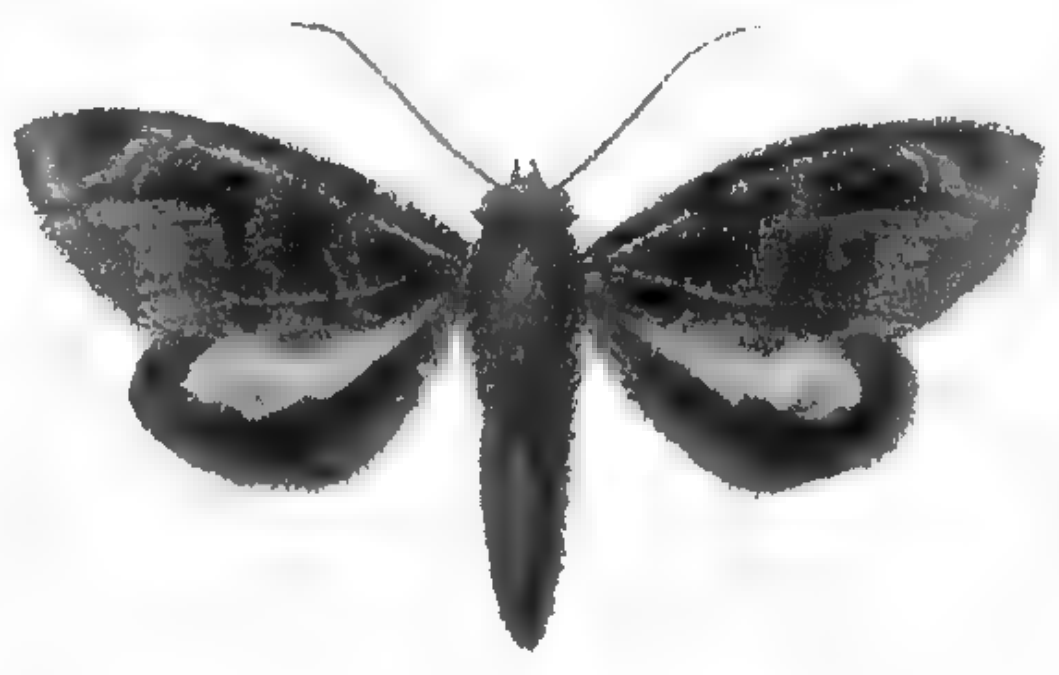
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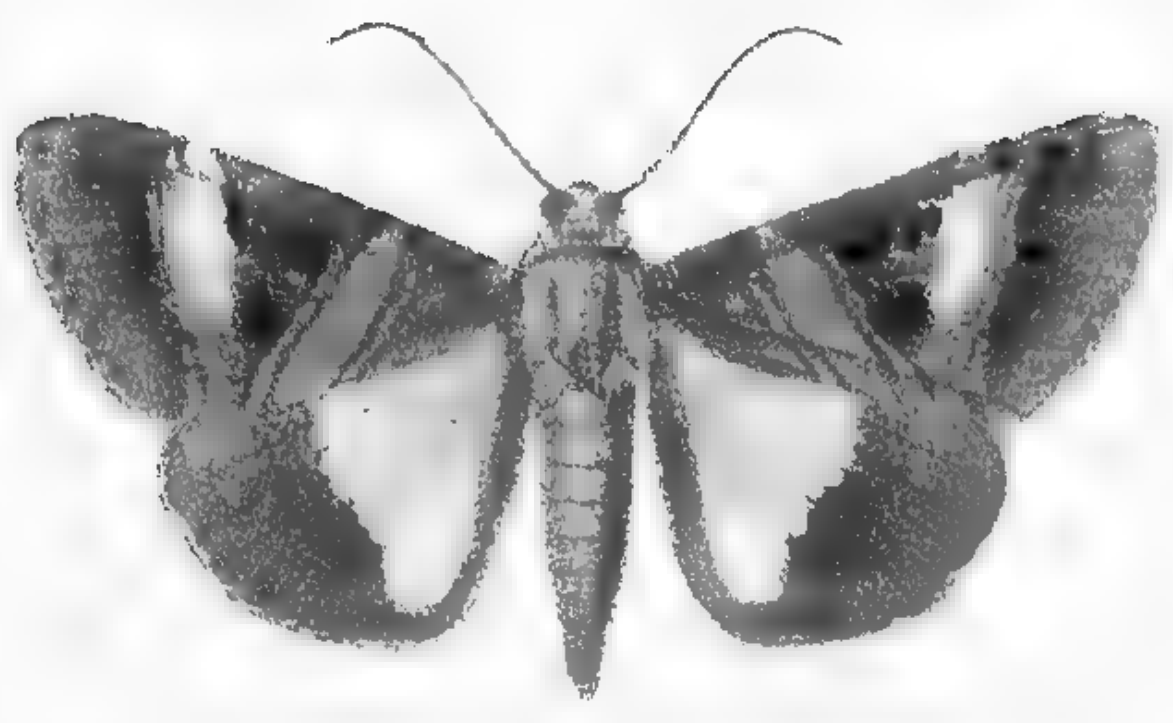
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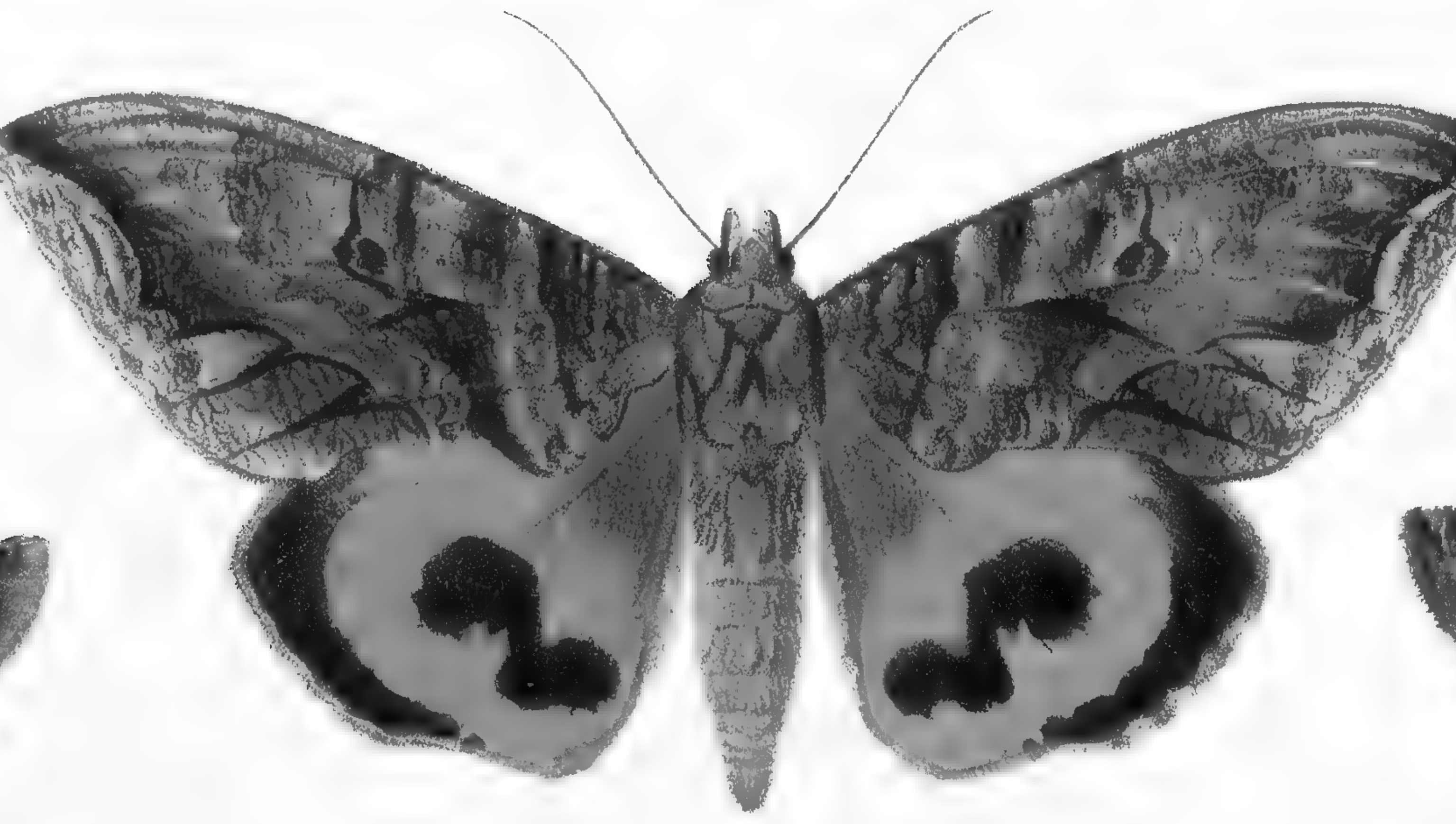
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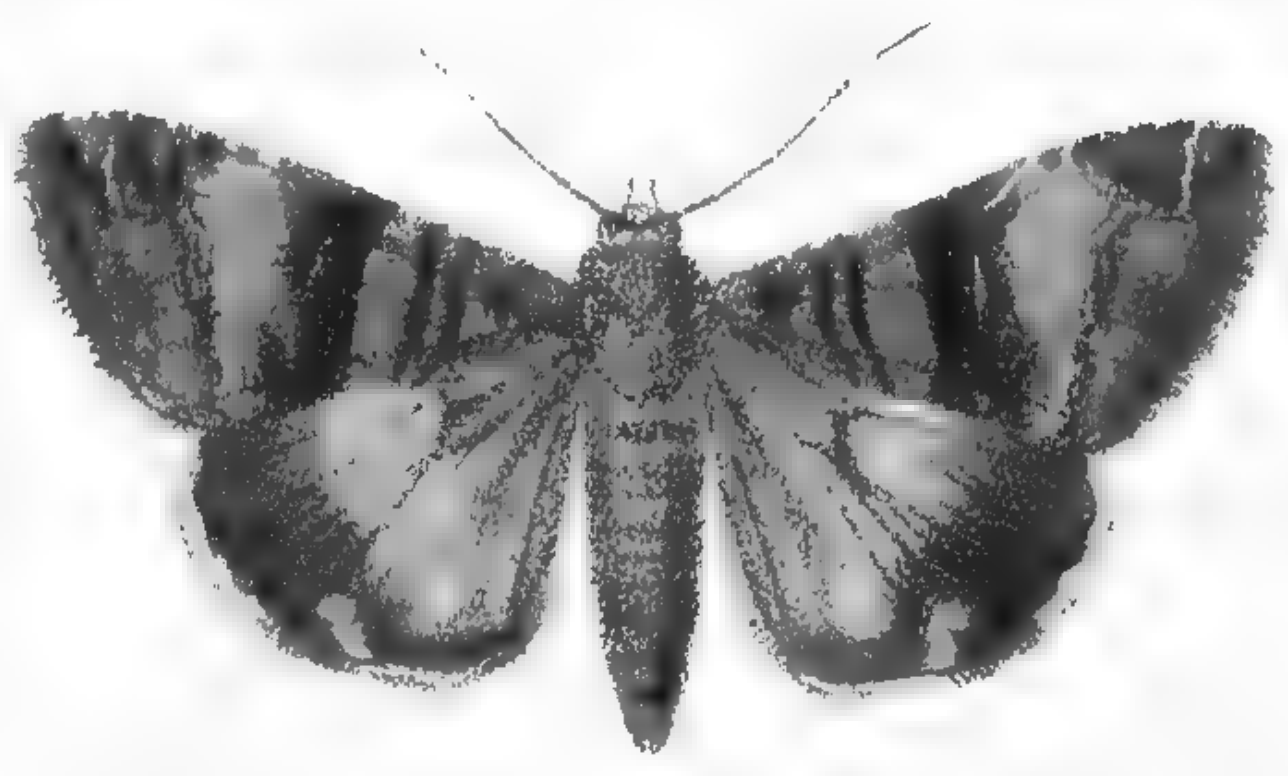
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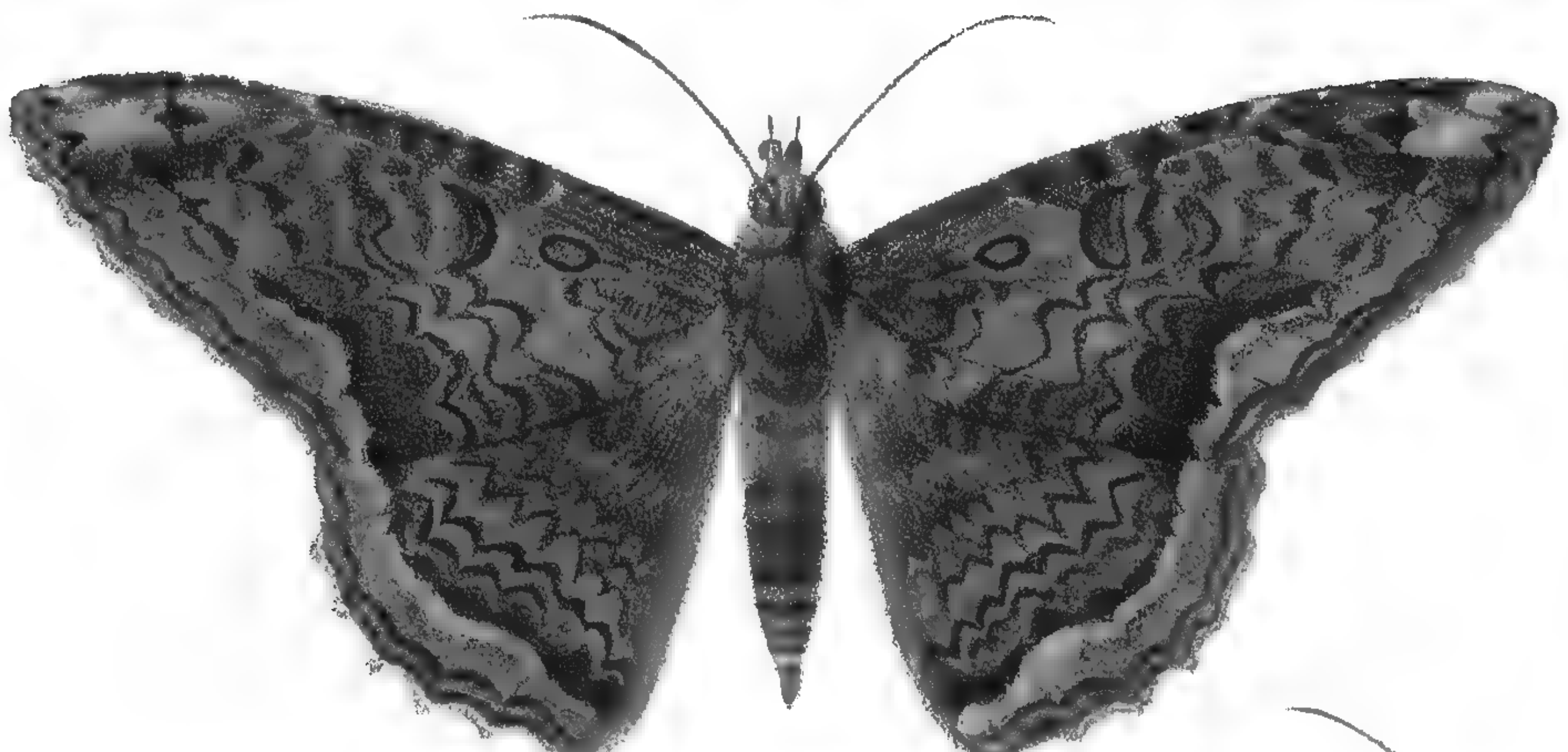
2 CATOCALA IXION.
3 HOMOPTERA ÆMONA.
4 " AMATA.
5 SAFIA ÆNIA.
6 LEPIDODES ÆNYRA.
7 PHOSPHILA ÆXONIA.
8 CATOCALA ELECTILIS.
9 CŒNIPETA ÆOLIA.
10 " DIMIDIATA.
11 BRUJAS CIRCE.
12 VESPOLA CÆRULEIFERA.
13 MELIPOTIS IMPARALLELA.
14 OPHIDERES SERPENTIFERA.
15 MELIPOTIS MARMORARIS.

A. Purkiss del. Hanhart imp.
538.

KODAK Color Control Patches © The Tiffen Company, 2000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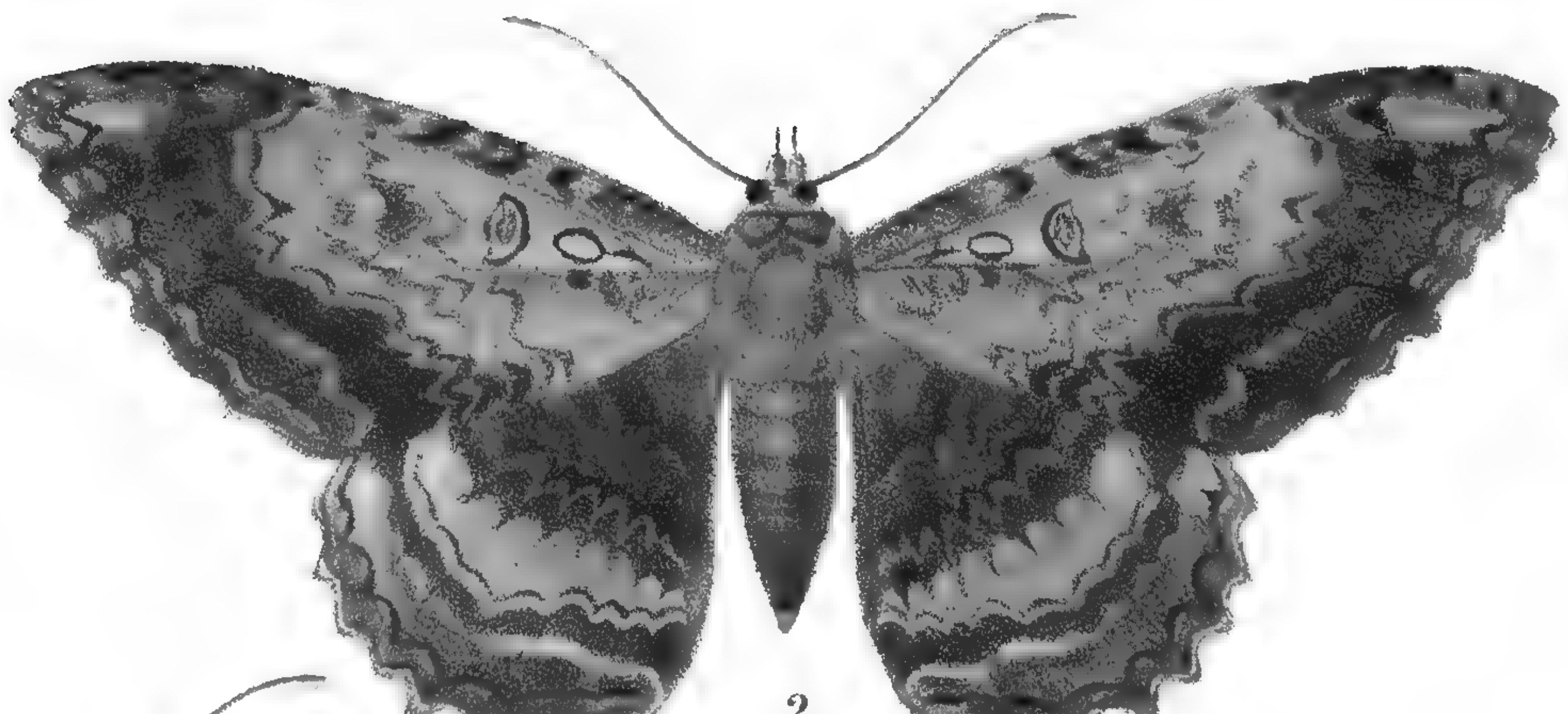
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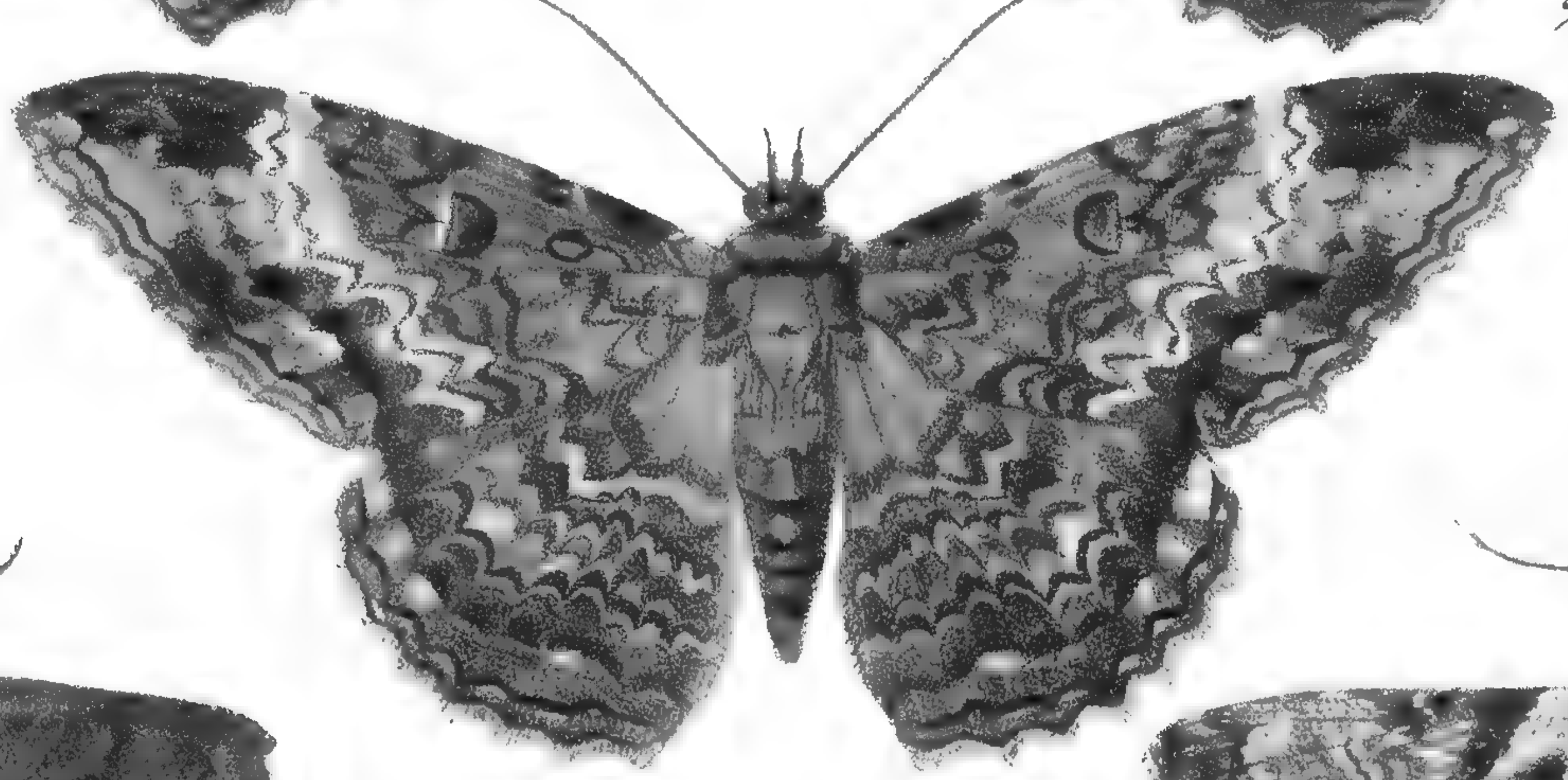
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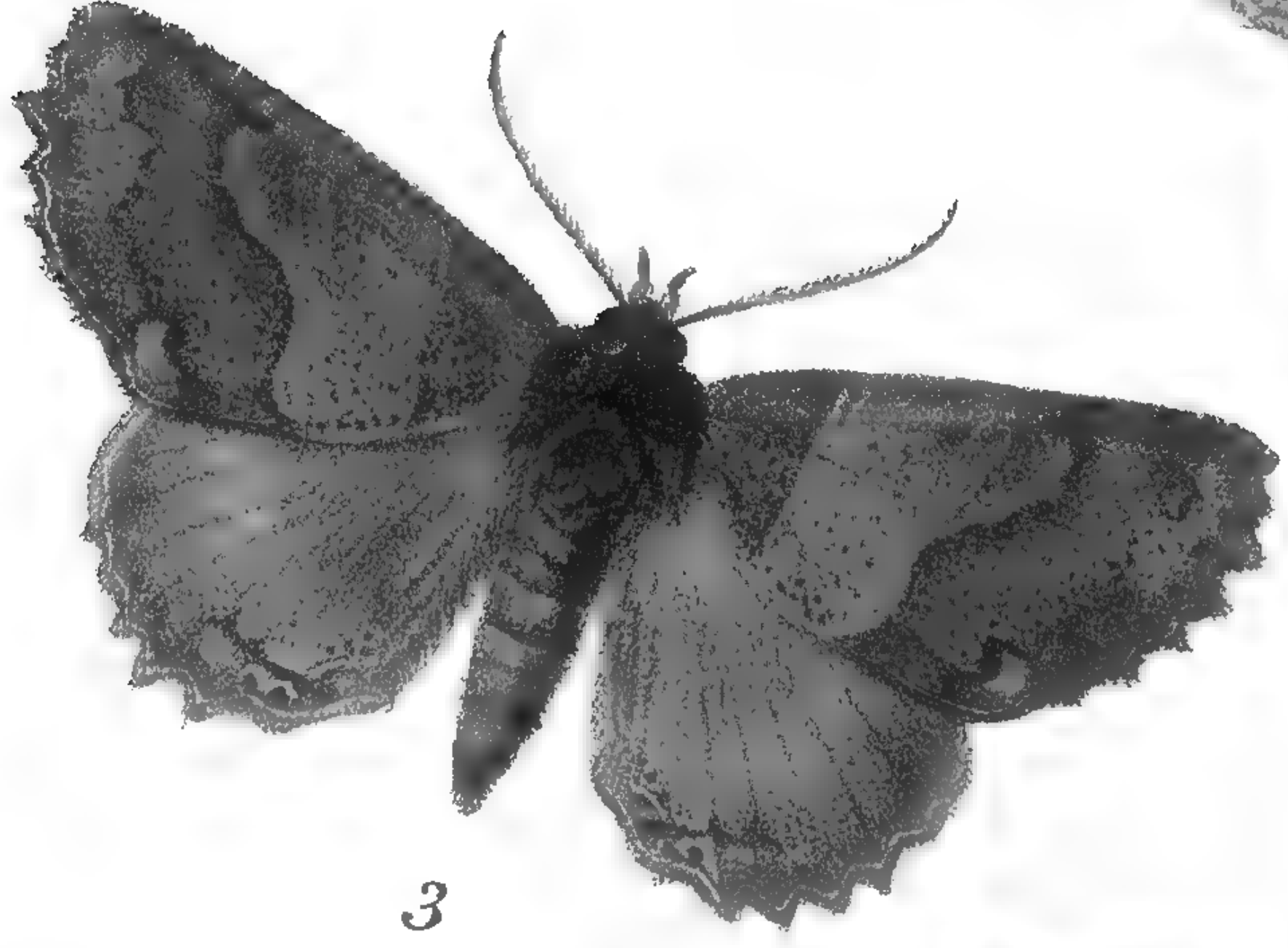
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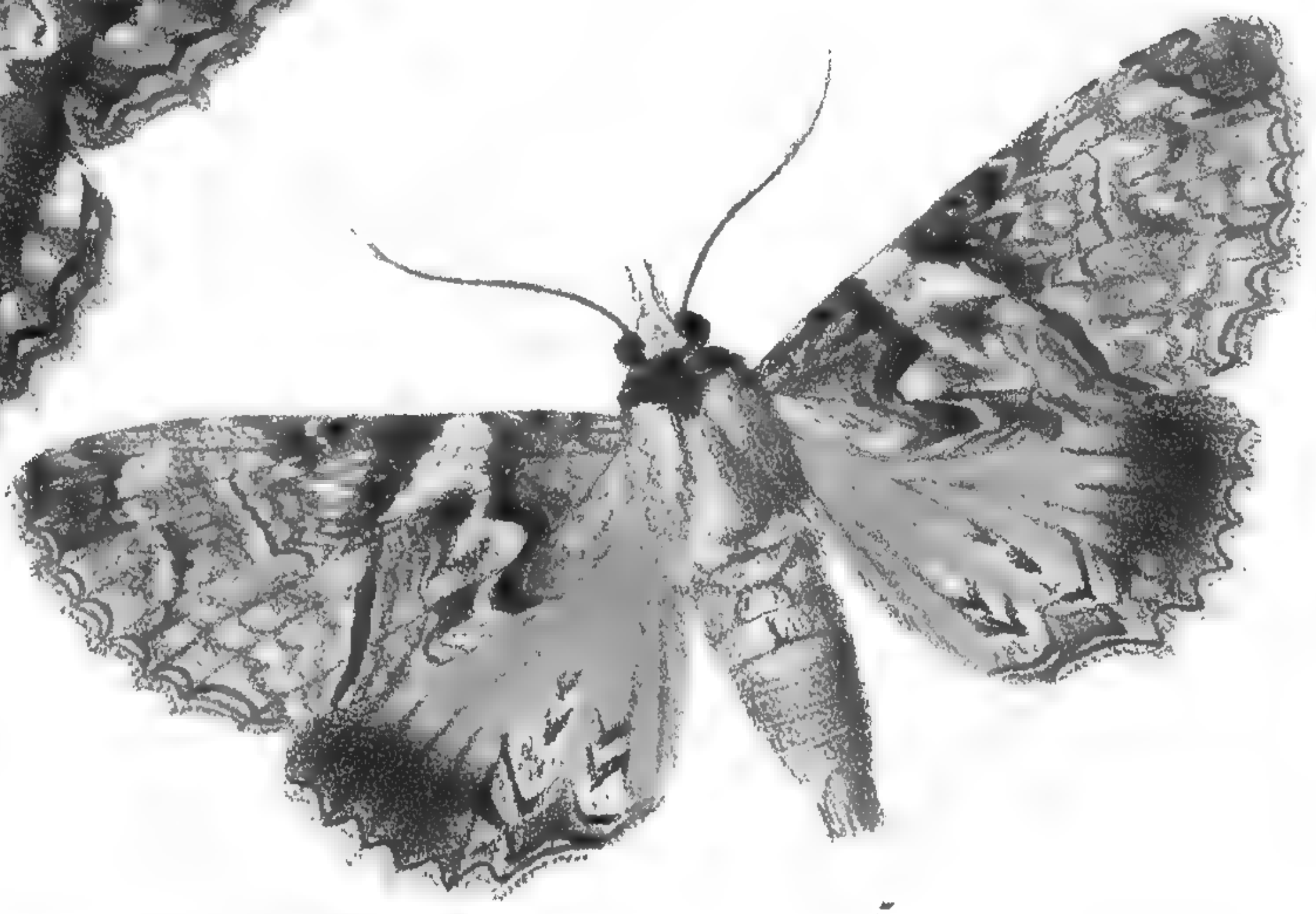
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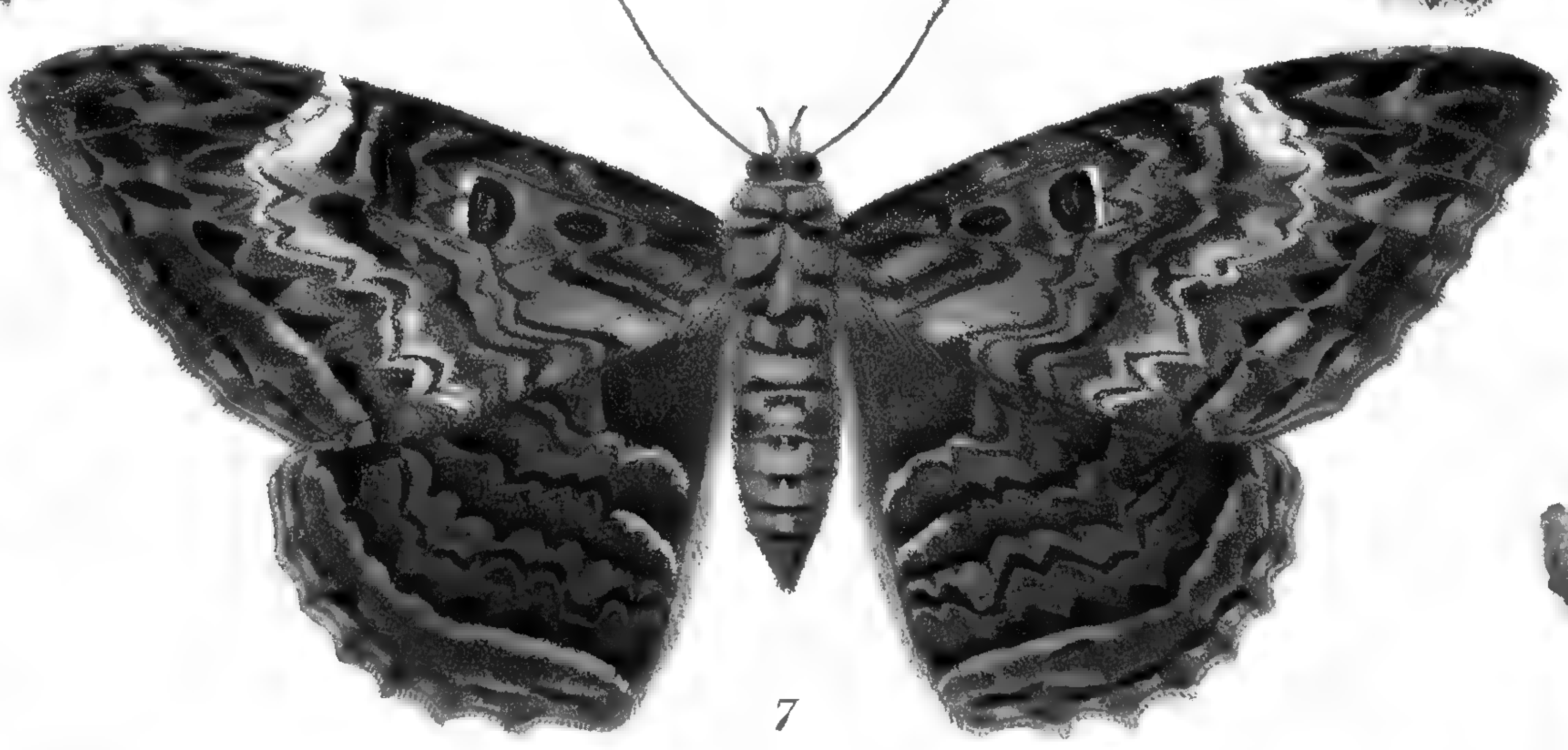
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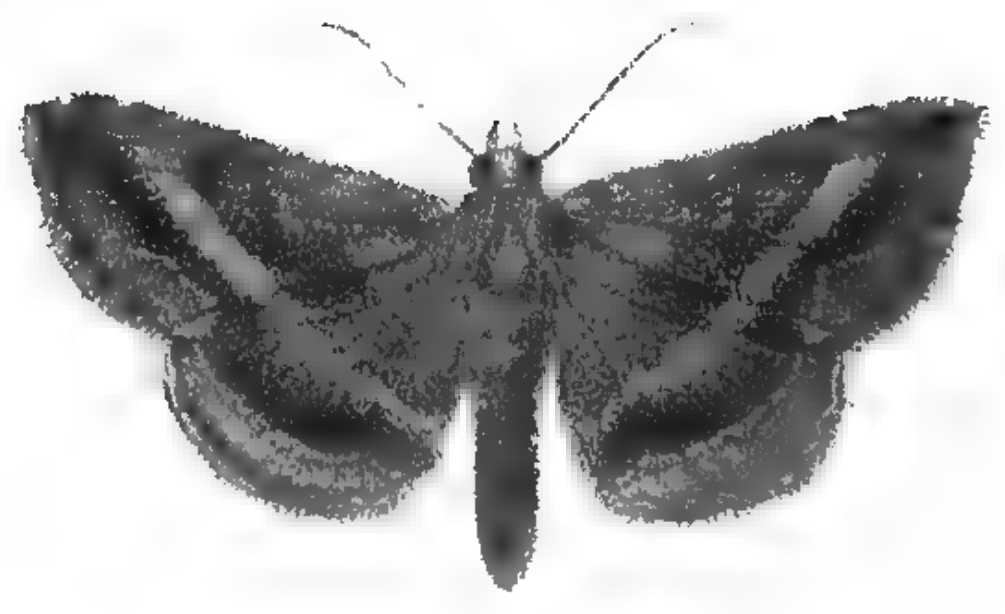
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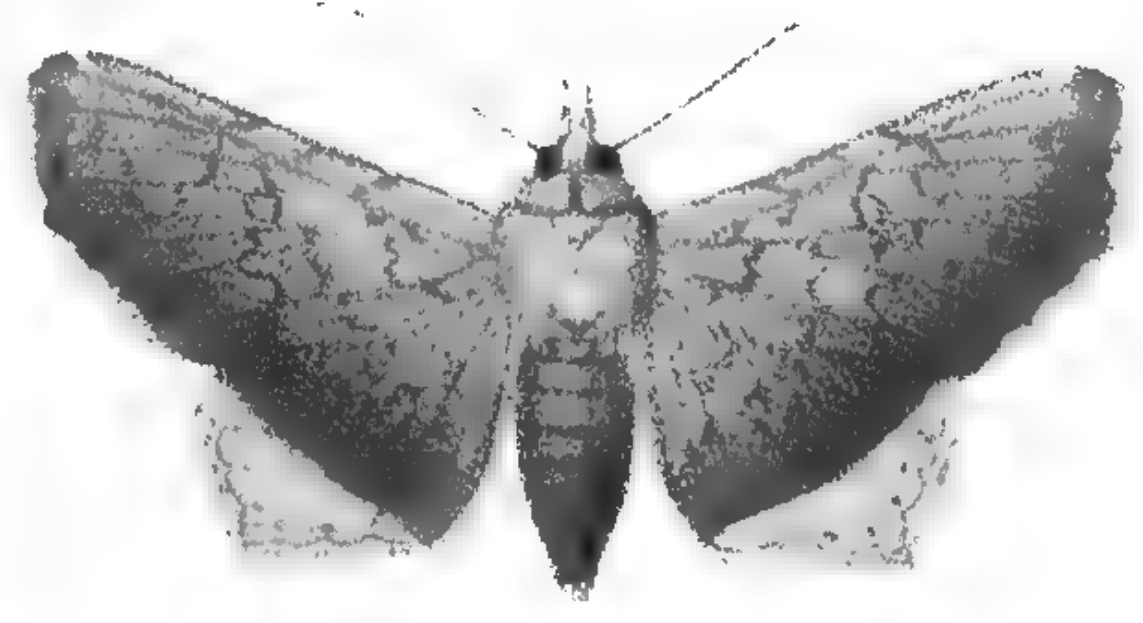
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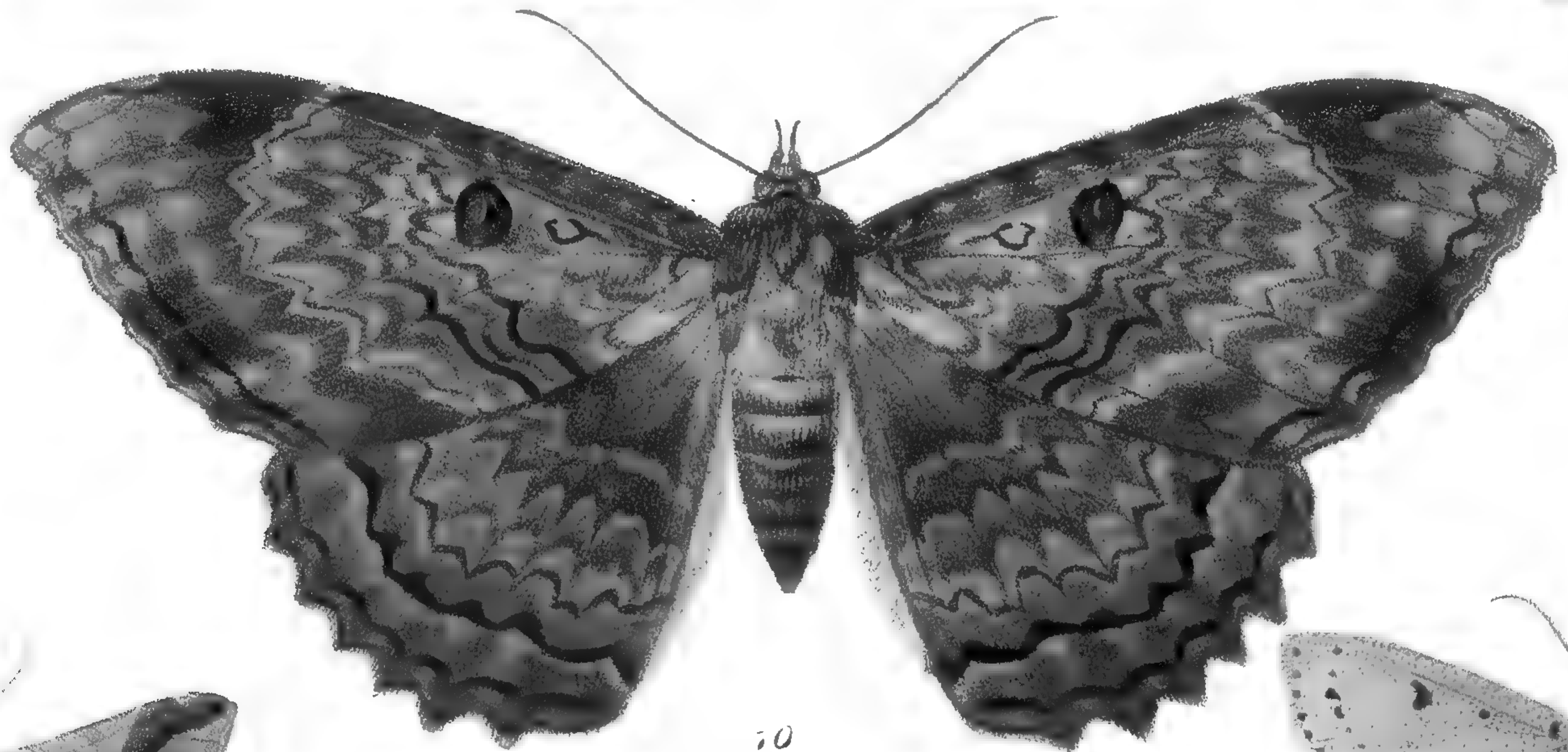
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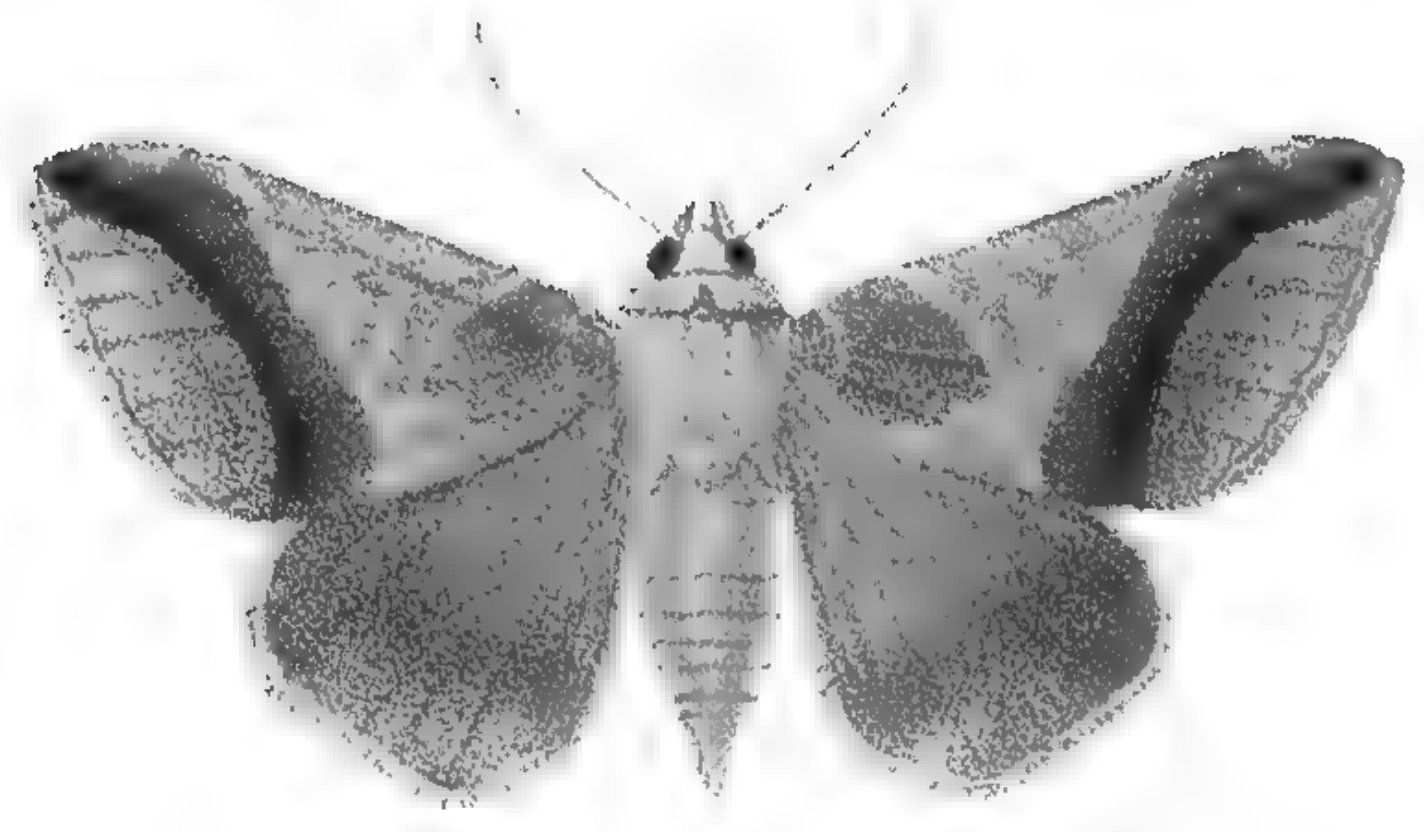
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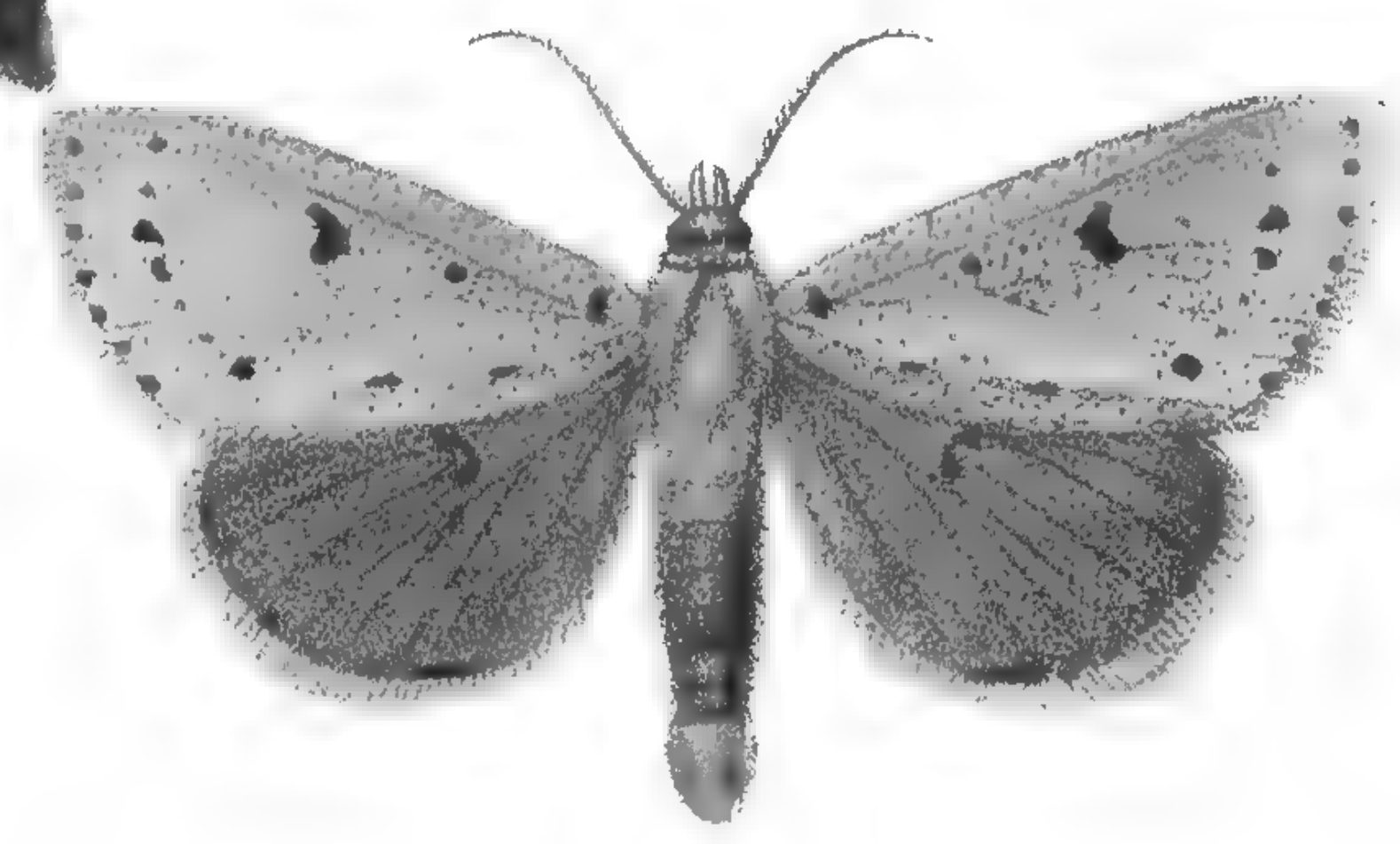
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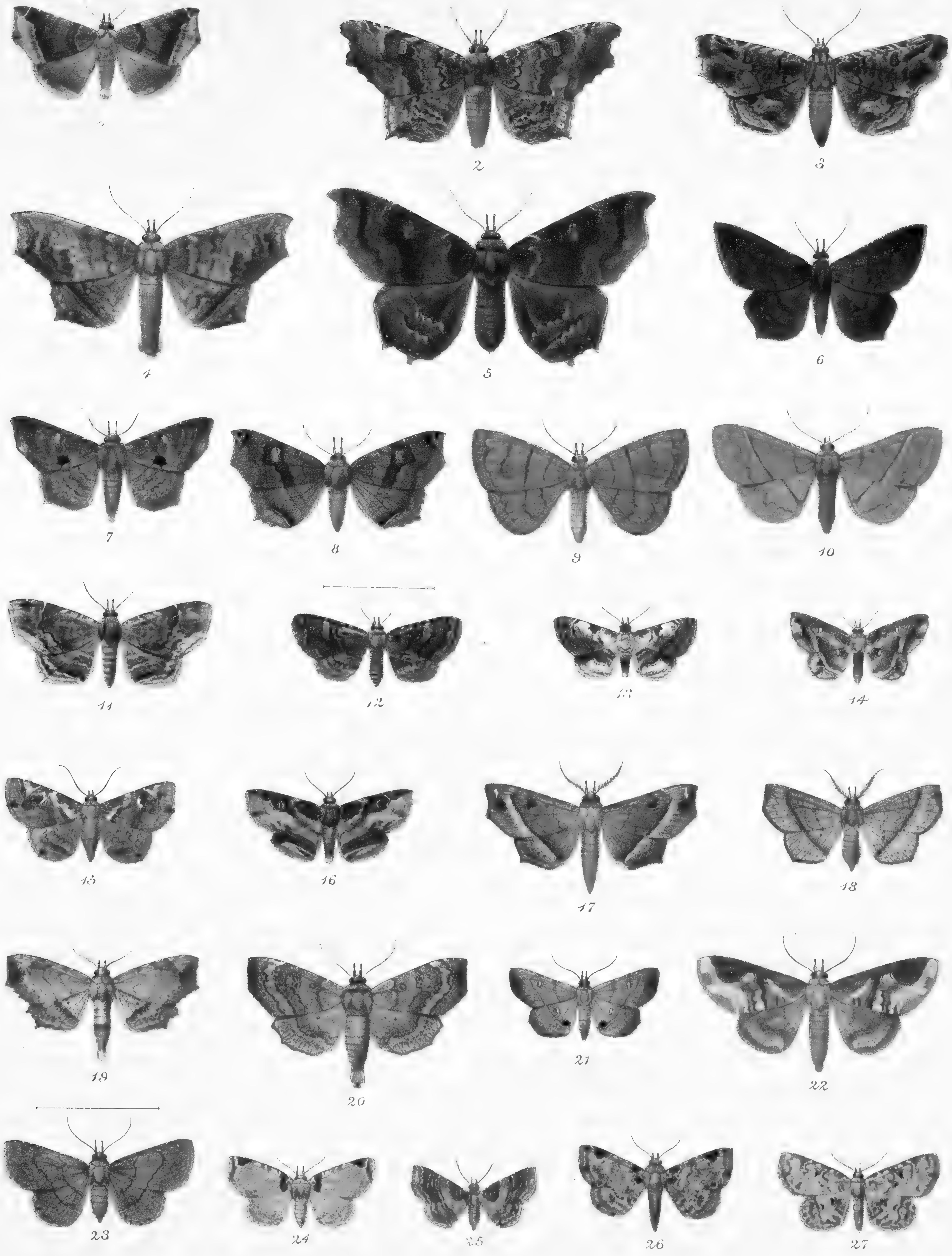
1♂, 2♀ LETIS VULTURA.
3 SYPNA ÆXONIA.
4♂ LETIS ORCYNIA.
5 ACHÆA SCHAUSI.
6 BENDIS ÆNARIA.
7♀ LETIS ORCYNIA.
8 BENDIS ÆMYLIA.
9 OPHISMA ÆOLIDA.
10 THYSANIA TIASA.
11♂ RHOSOLOGIA PORRECTA.

W. Purkiss lith.
Hanhart imp.
541.

Blue
Cyan
Green
Yellow
Red
Magenta
White
3/Color
Black
KODAK Color Control Patches
© The Tiffen Company, 2000
Kodak
LICENSED PRODUCT
Centimetres
Inches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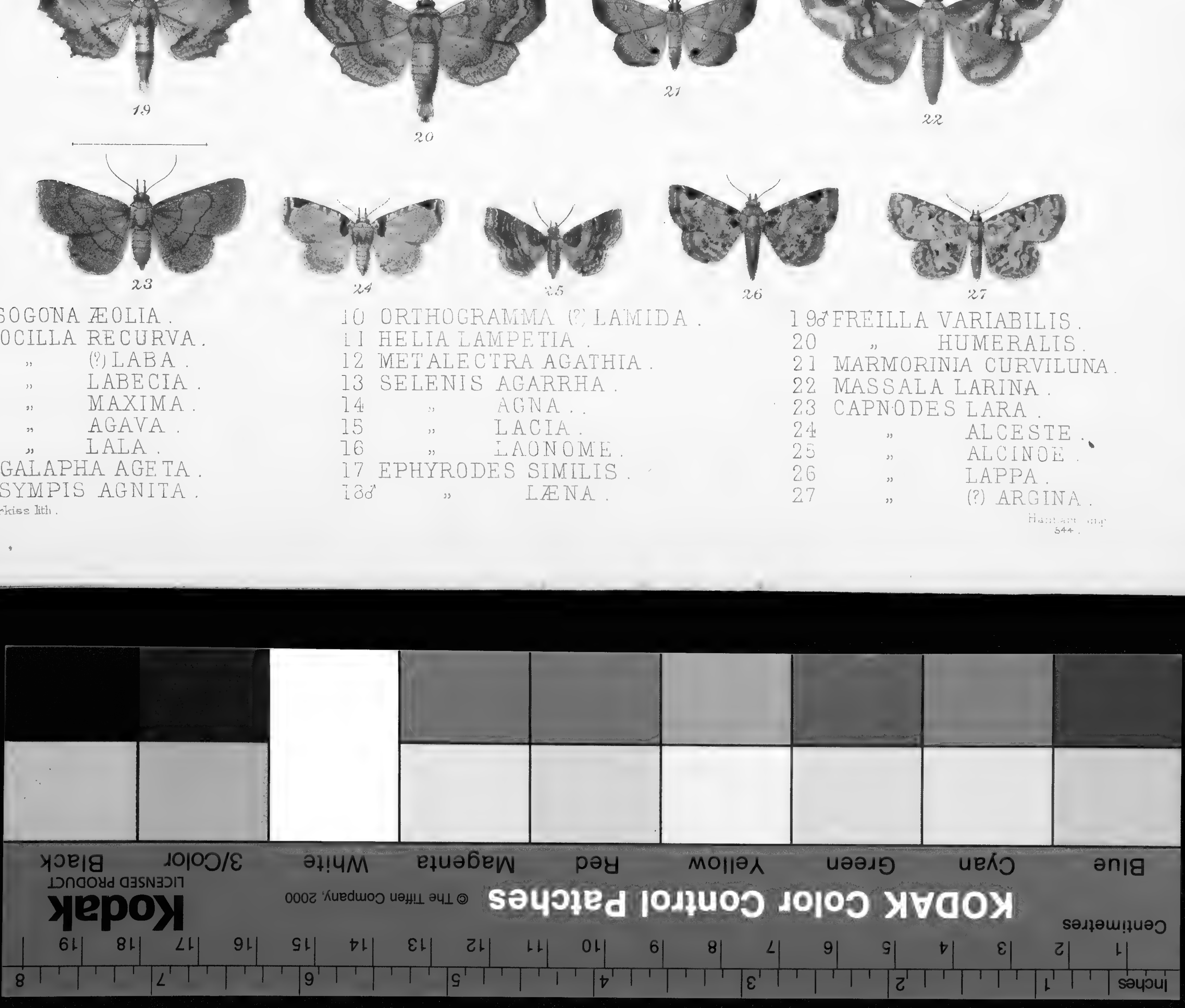
1 ISOGONA ÆOLIA.
2 FOCILLA RECURVA.
3 „ (?) LABA.
4 „ LABECIA.
5 „ MAXIMA.
6 „ AGAVA.
7 „ LALA.
8♂ GALAPHA AGETA.
9 SYMPIS AGNITA.
10 ORTHOGRAMMA (?) LAMIDA.
11 HELIA LAMPETIA.
12 METALECTRA AGATHIA.
13 SELENIS AGARRHA.
14 „ AGNA.
15 „ LACIA.
16 „ LAONOME.
17 EPHYRODES SIMILIS.
18♂ „ LÆNA.
19♂ FREILLA VARIABILIS.
20 „ HUMERALIS.
21 MARMORINIA CURVILUNA.
22 MASSALA LARINA.
23 CAPNODES LARA.
24 „ ALCESTE.
25 „ ALCINOE.
26 „ LAPPA.
27 „ (?) ARGINA.

W. Purkiss lith.
Hanhart imp.
544.


Blue
Cyan
Green
Yellow
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KODAK Color Control Patches
© The Tiffen Company, 2000
Kodak
LICENSED PRODUCT
Centimetres
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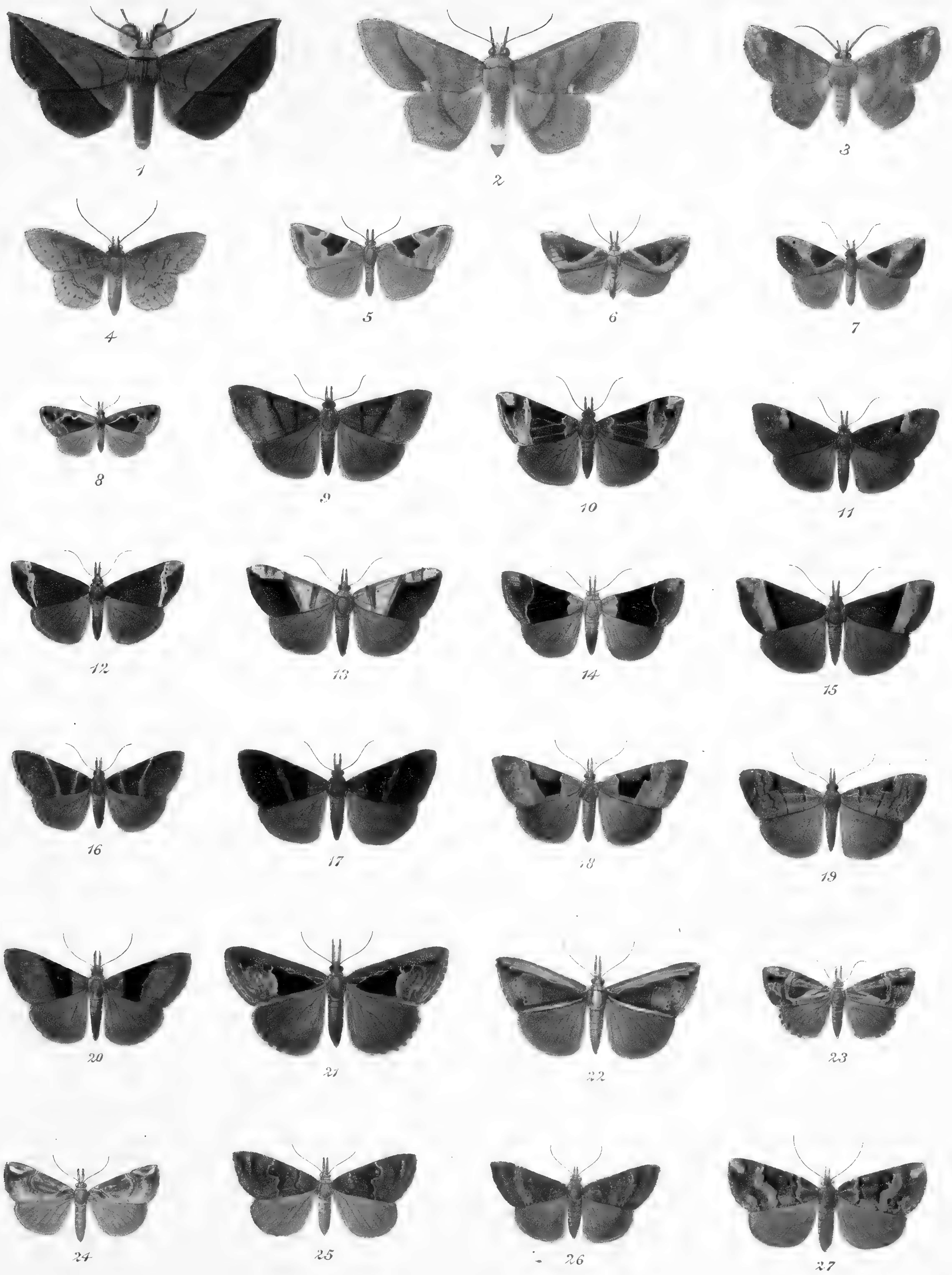

1 HYPENARIA (?) UMBRIGENS.
2 CHAMINA (?) LAMPONIA.
3 ORSA (?) AGOLA.
4 MACRODES LEYNA.
5 HYPENA MANALIS.

6 HYPENA PILOSALIS.
7 " ANDRACA.
8 " LUA.
9-20 " VARIABILIS.
21 " LIVIA.
22 " ANEMOSA.

23 HYPENA VETUSTALIS.
24 " DISPUNCTALIS.
25 " SECURALIS.
26 " PACIFICALIS.
27 " LANASSA.

W. Purkiss lith.
Hanhart imp
559.

Blue Cyan Green Yellow Red Magenta White 3/Color Black
KODAK Color Control Patches © The Tiffen Company, 2000 Kodak LICENSED PRODUCT
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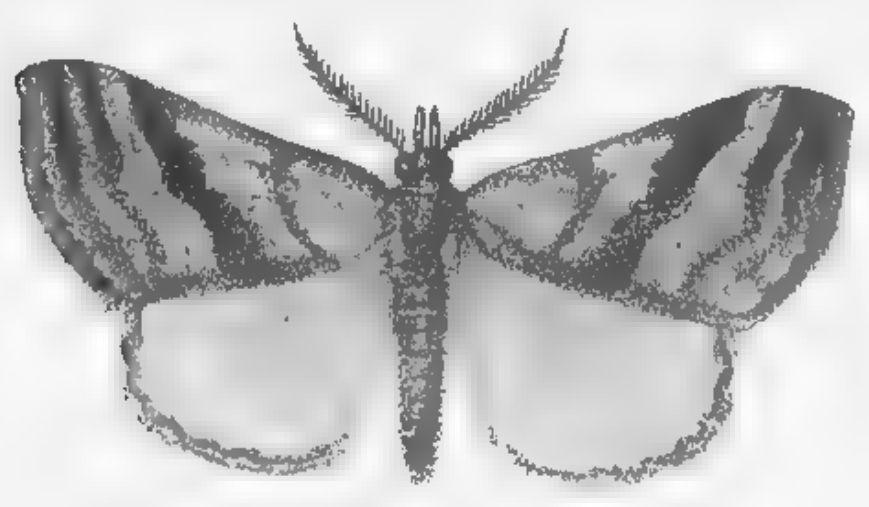
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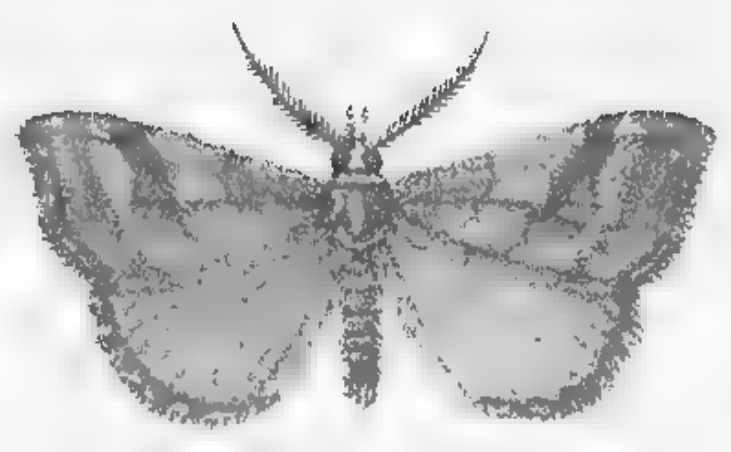
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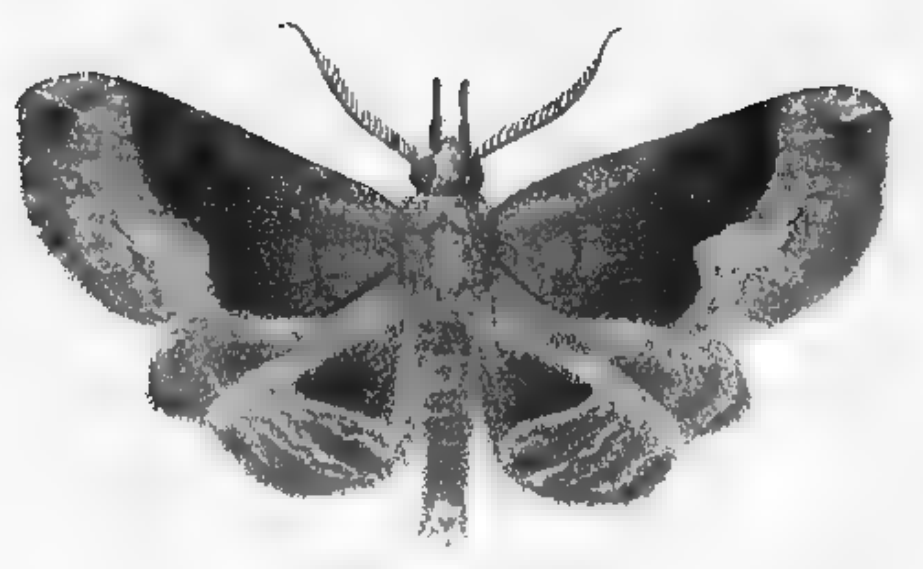
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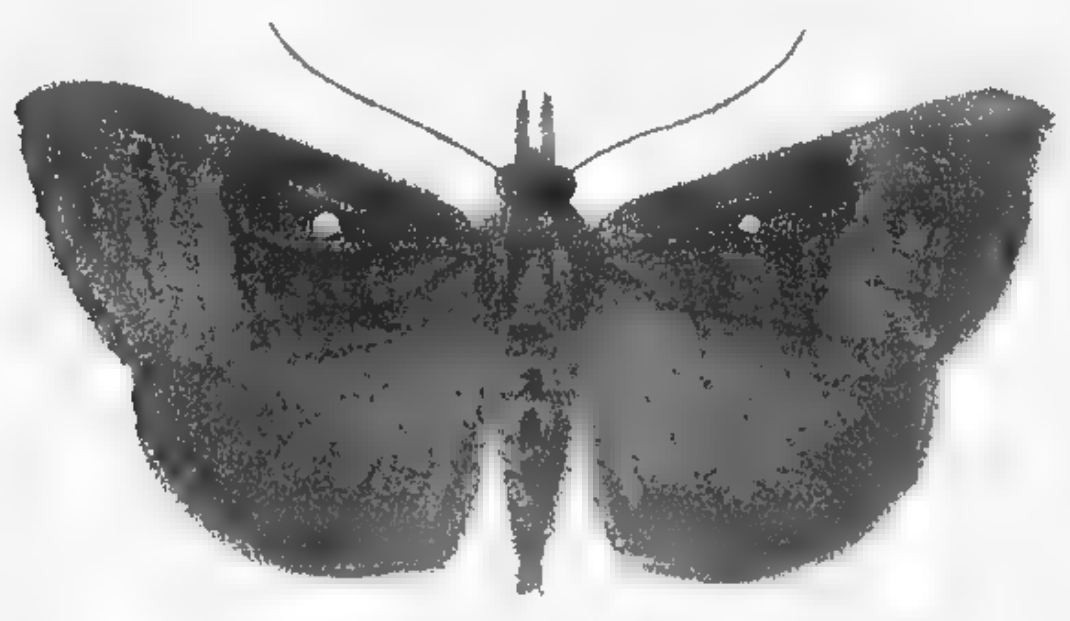
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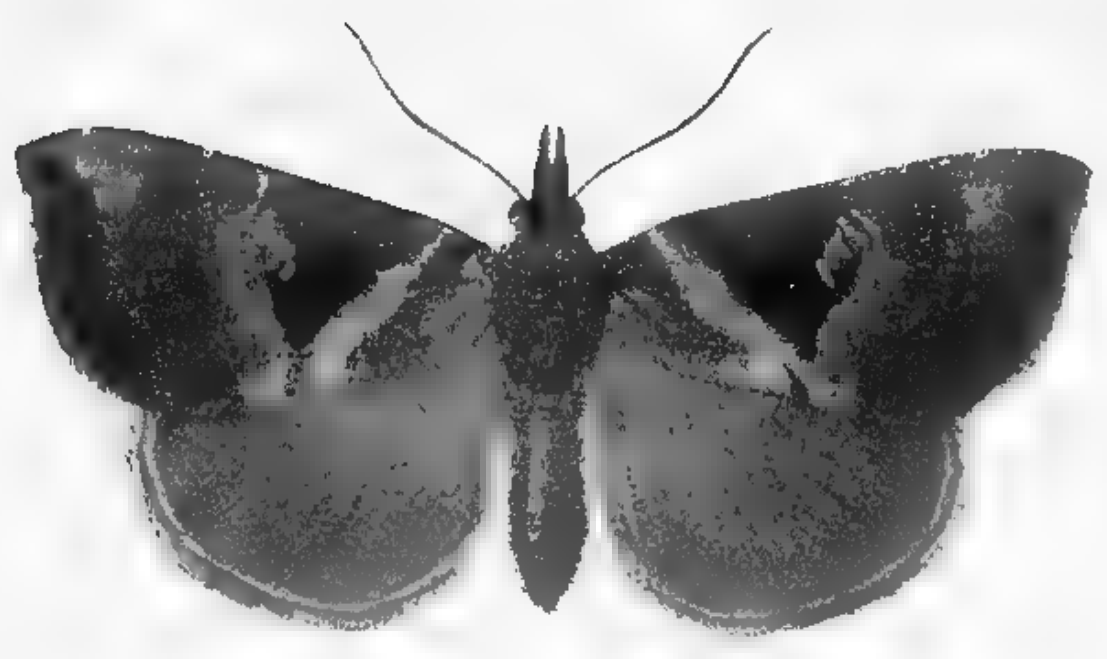
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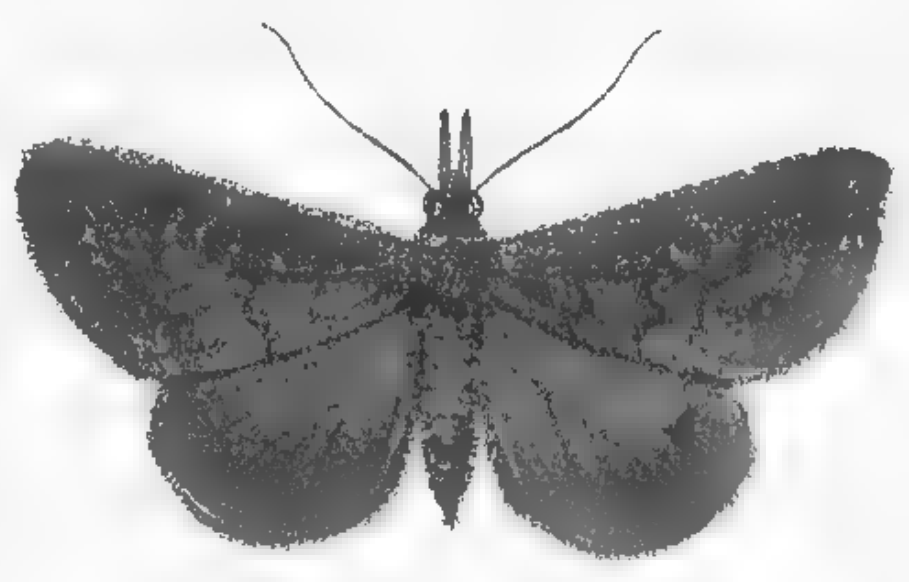
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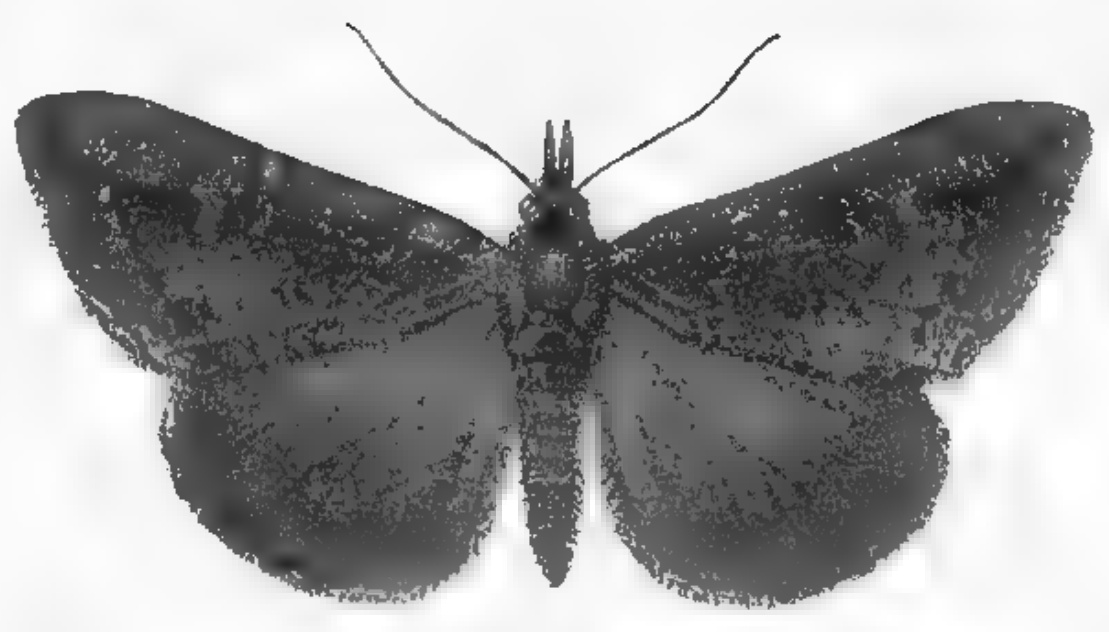
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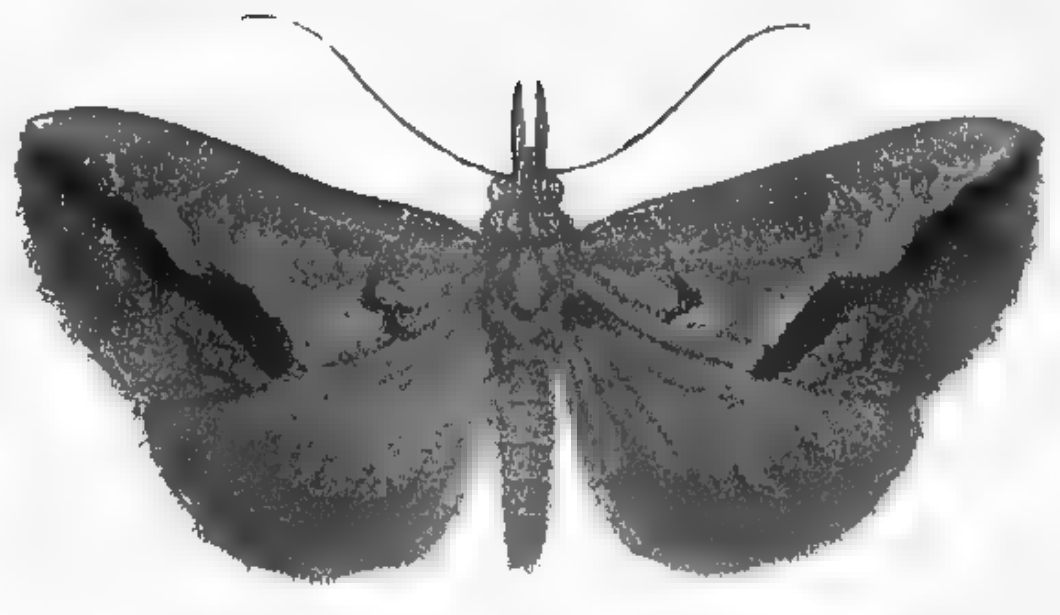
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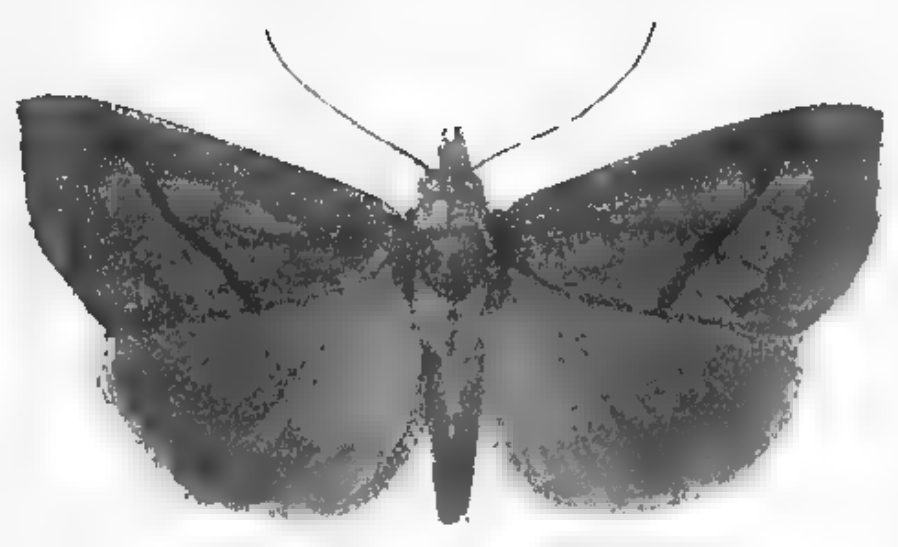
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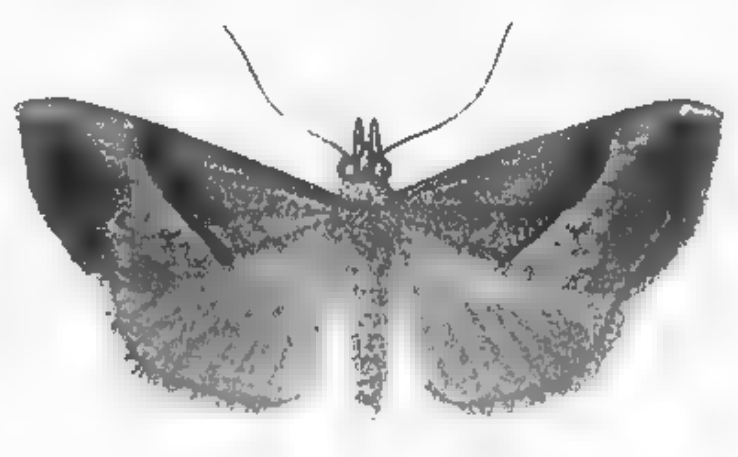
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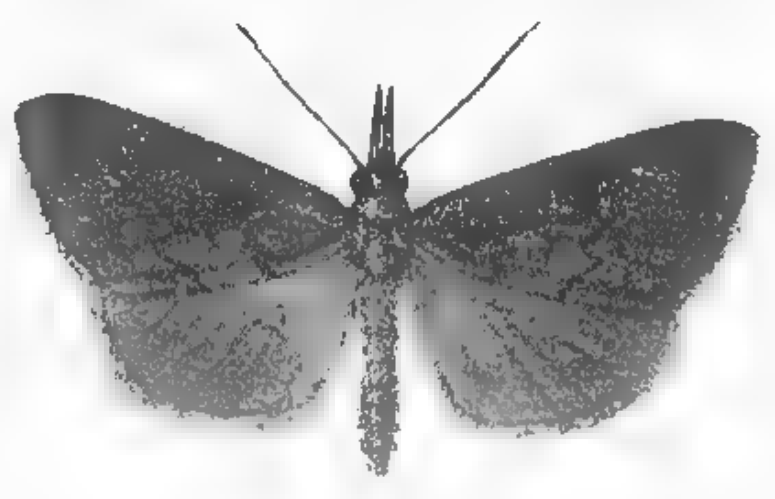
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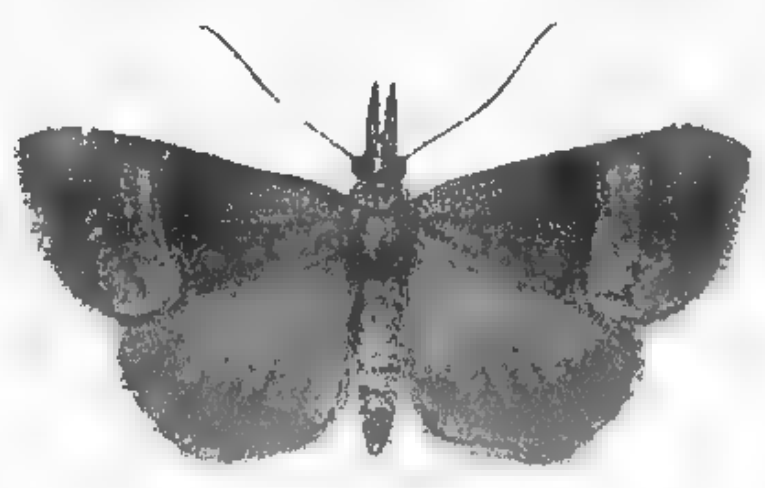
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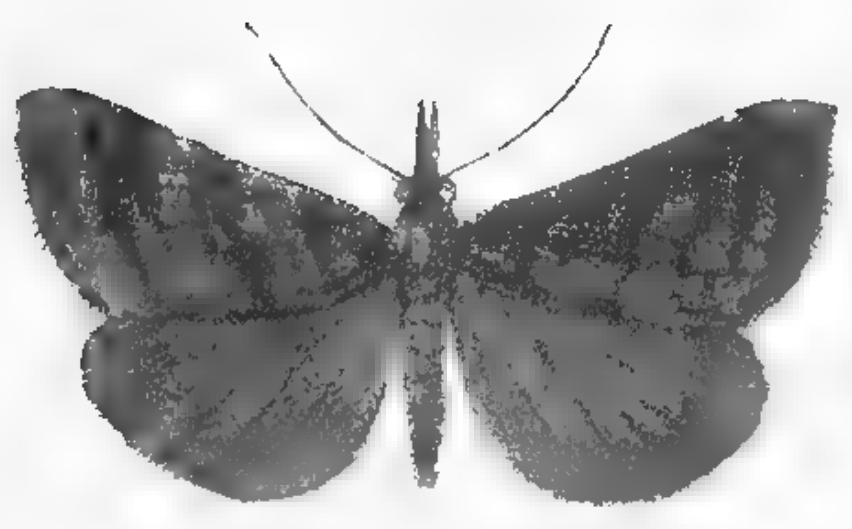
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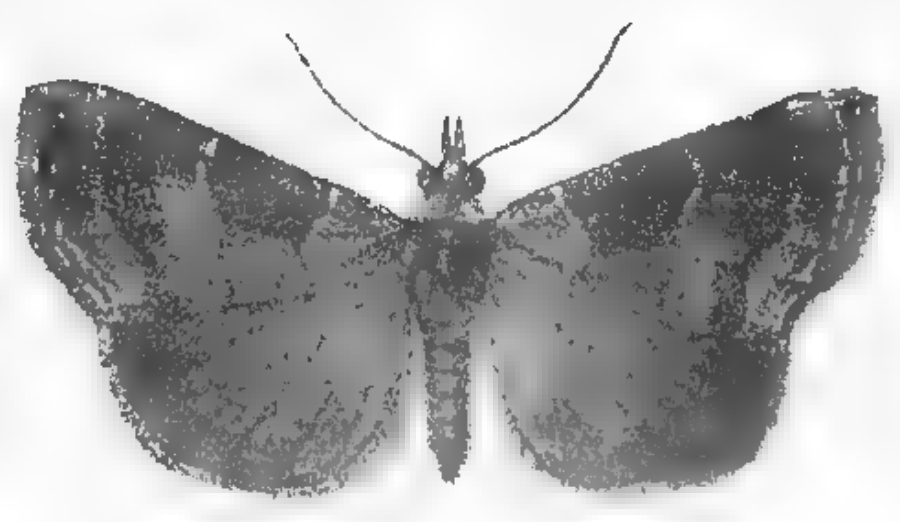
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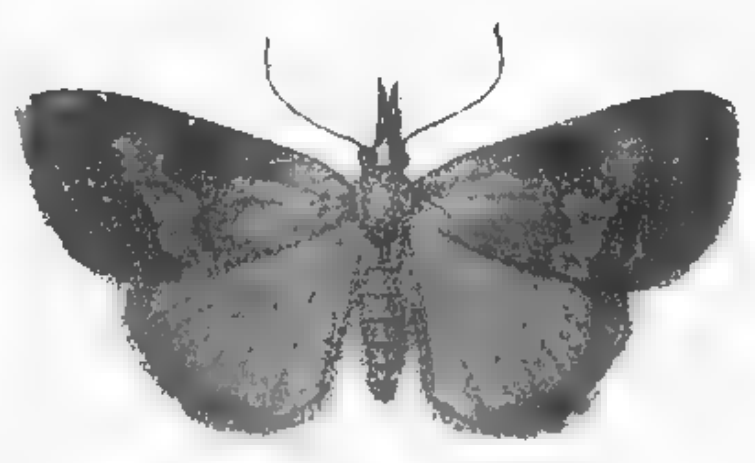
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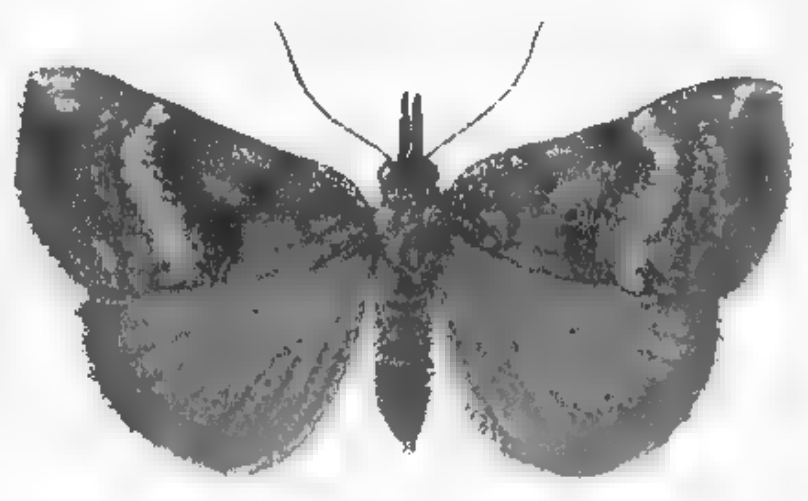
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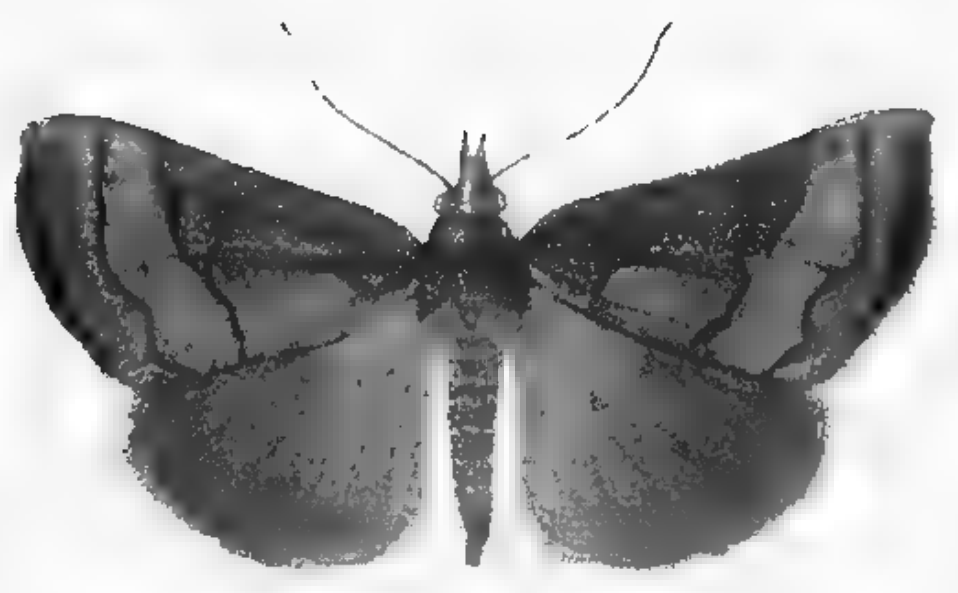
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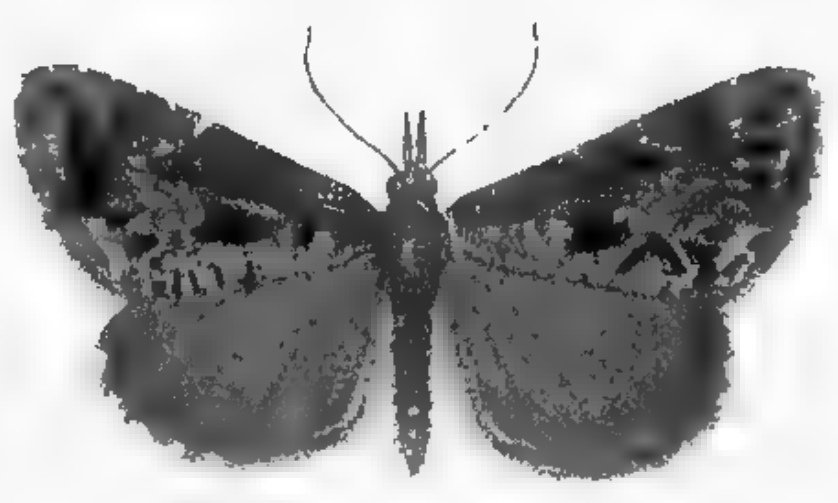
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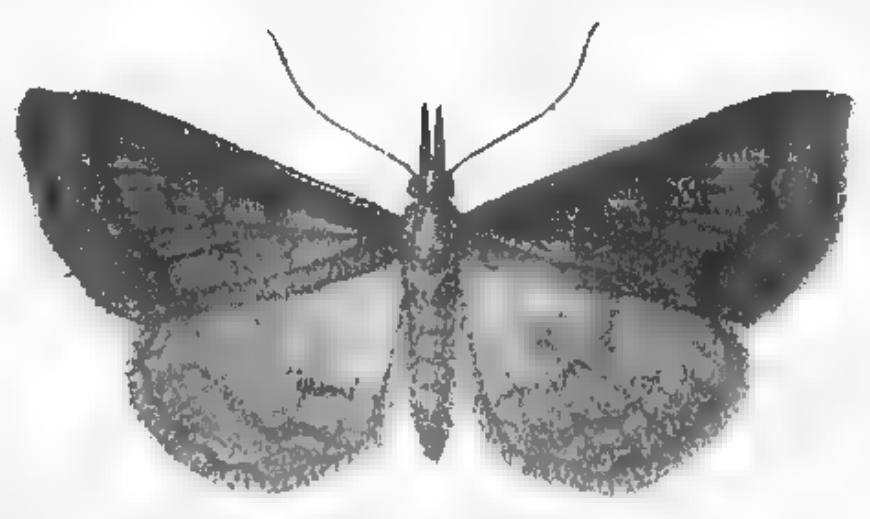
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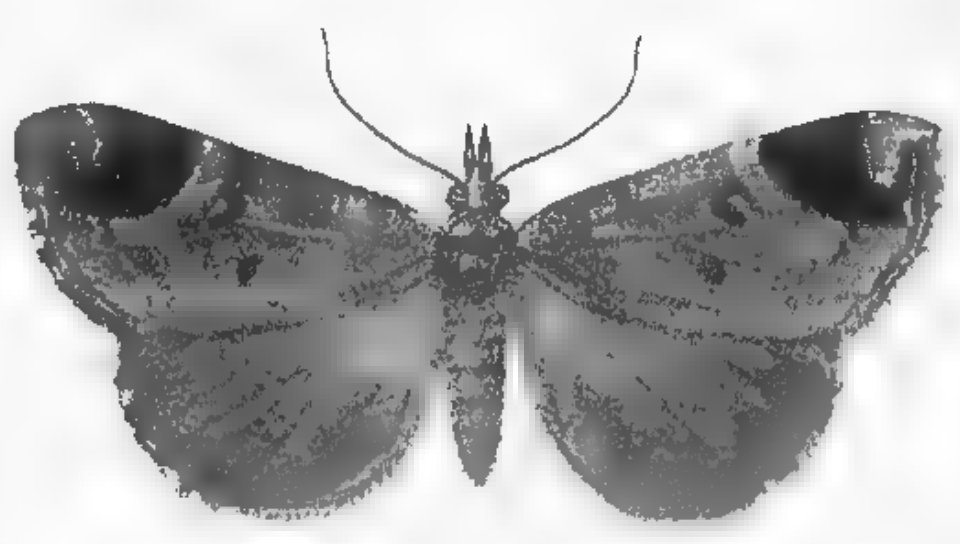
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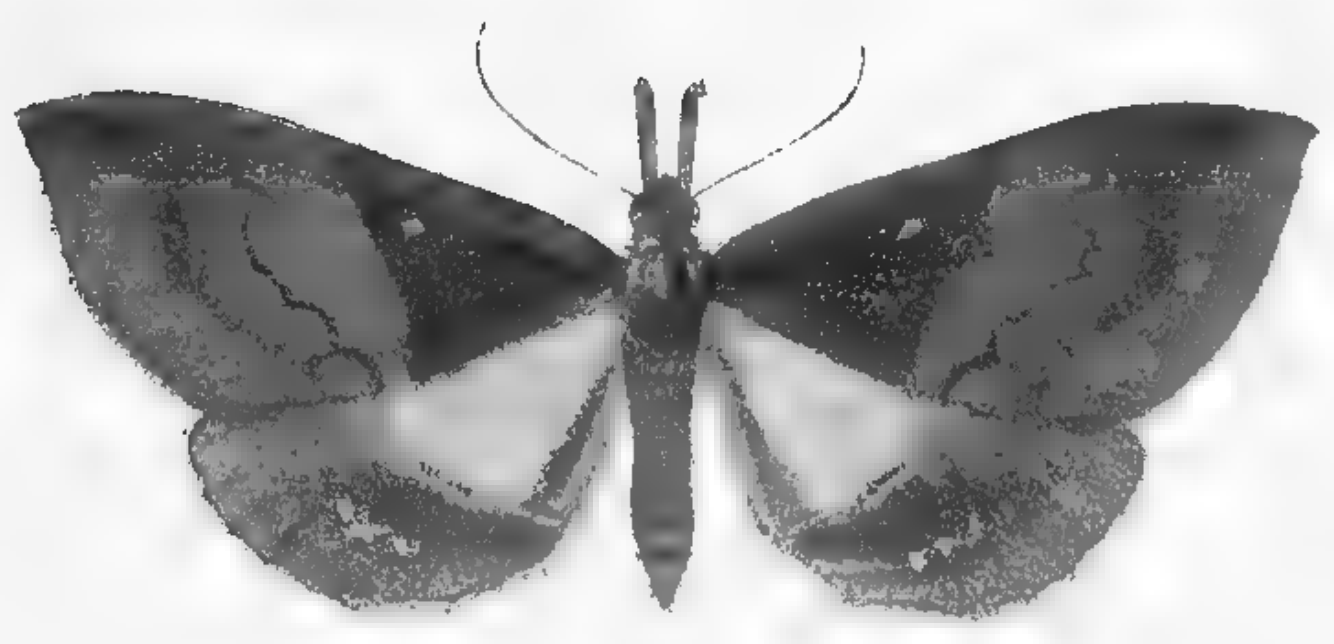
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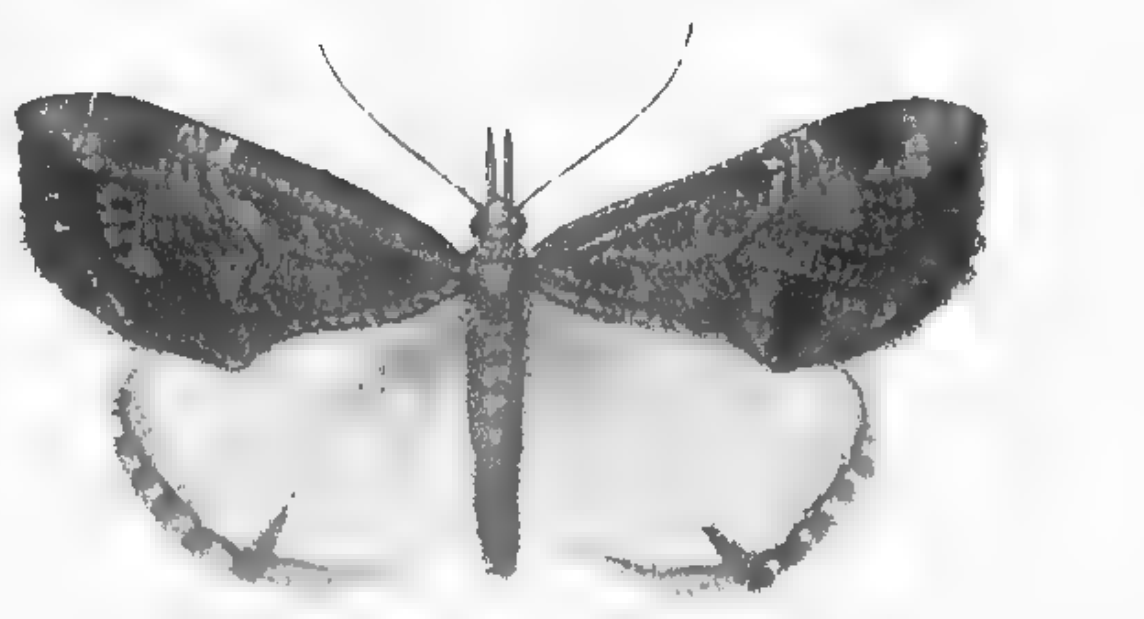
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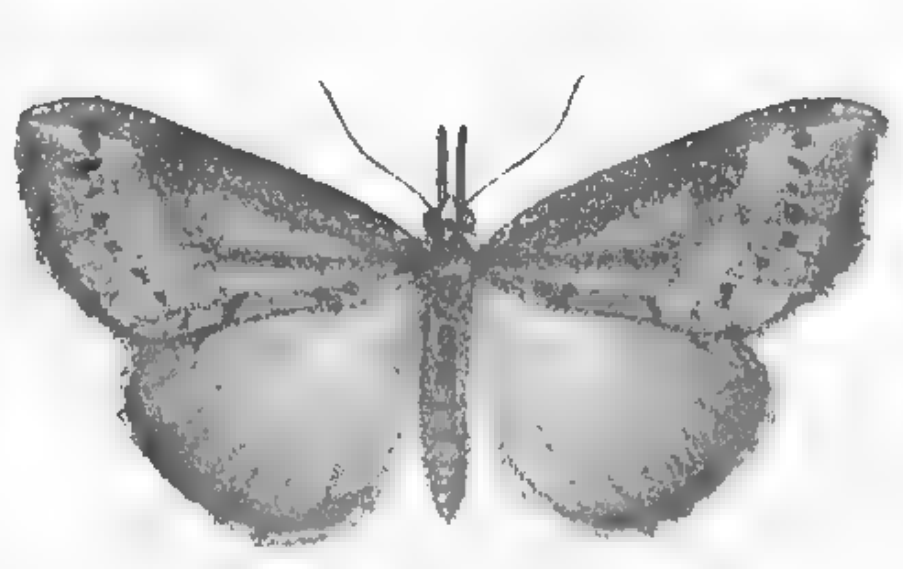
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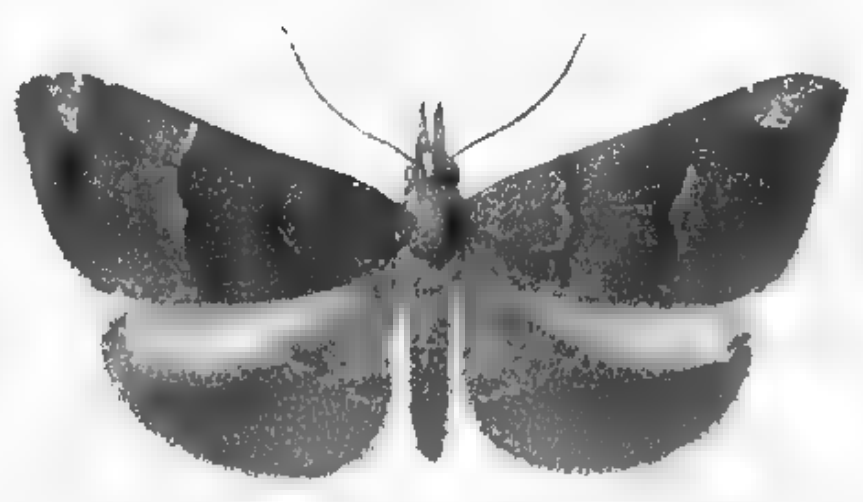
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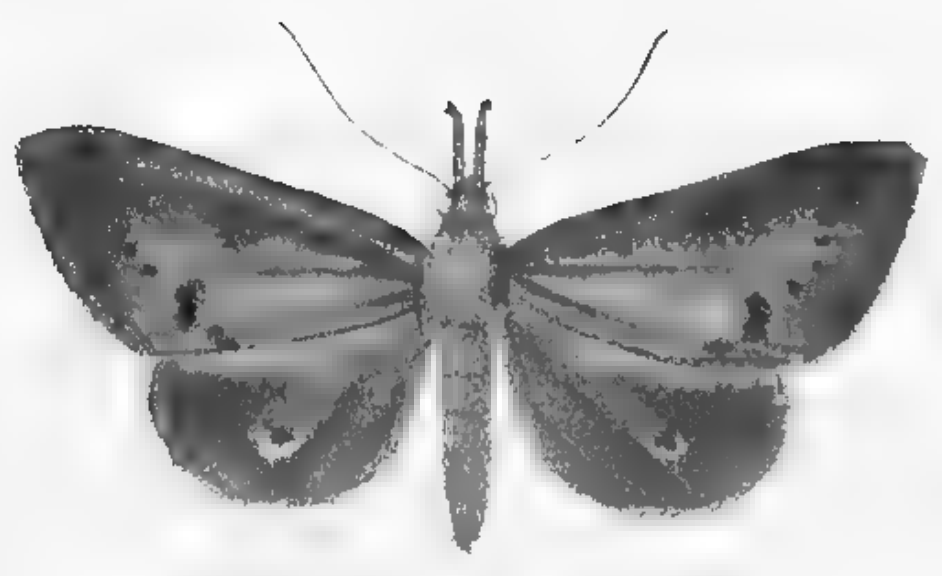
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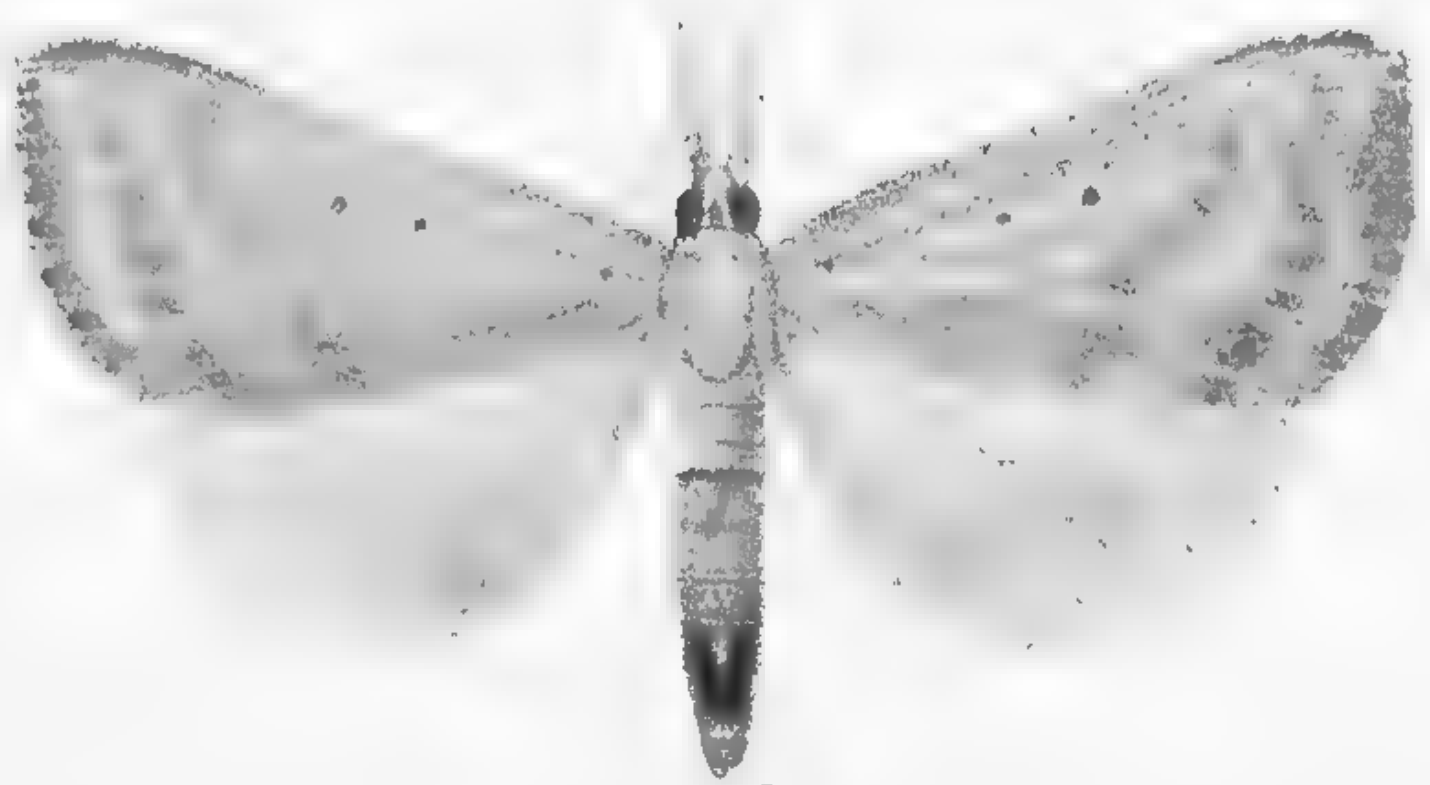
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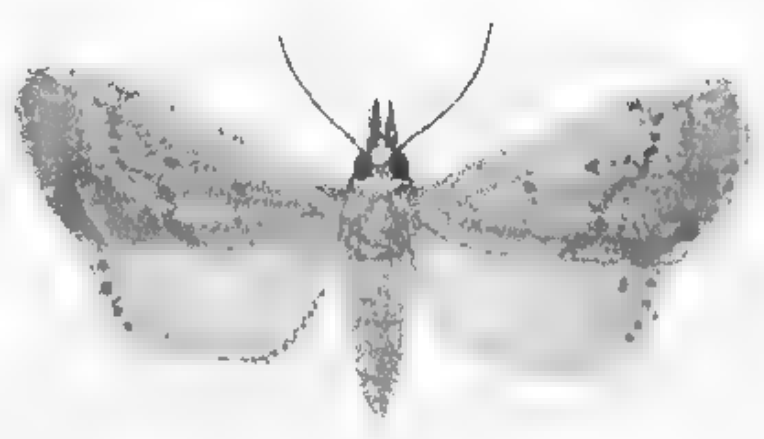
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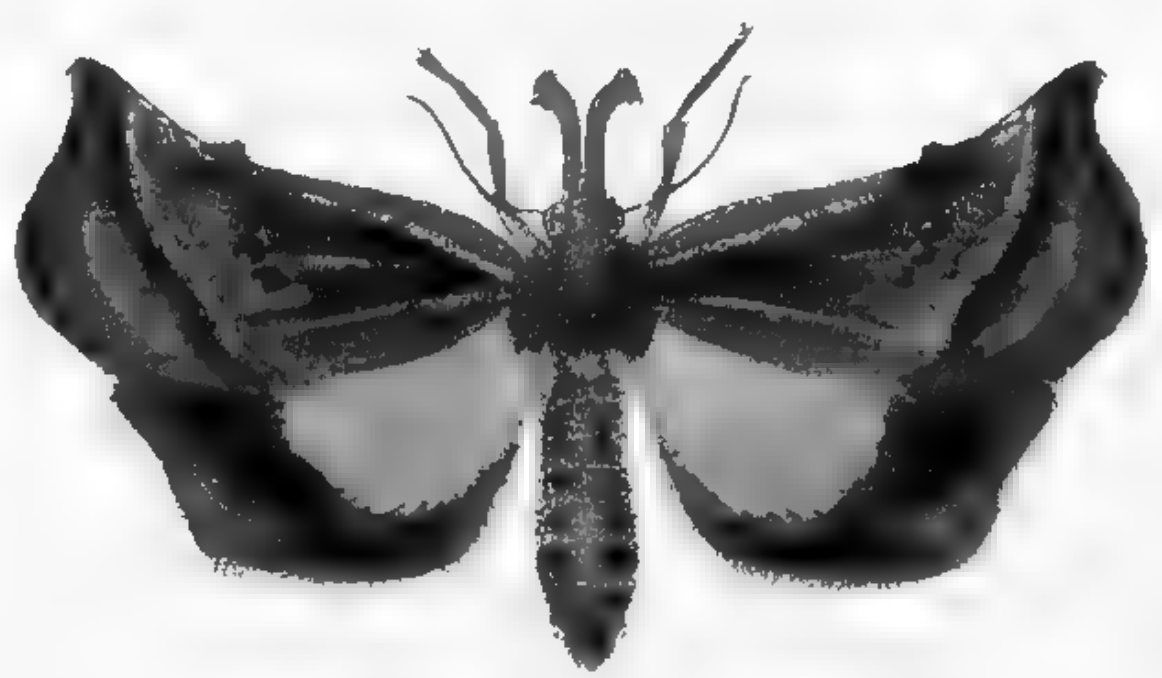
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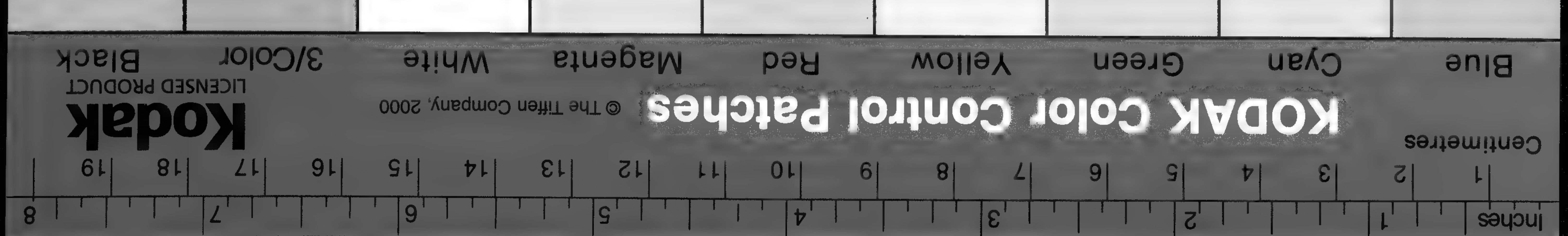
1♂ GUSTIANA LIBITINA.
2♂ " LIMÆA.
3♂ PTERHEMIA AMERIOLA.
4♂ HYPENA ANDRIA.
5 " LEVANA.
6 " EXCEPTALIS.
7 " ANDRAPANA.
8 " LEBONIA.
9 " AMMONIA.

10 HYPENA ANCARA.
11♂ " LIPARA.
12 " ANDRONA.
13 " ANICINA.
14 " LEUCTRA.
15 " LOXO.
16 " ANDA.
17 " LOLLIA.
18 " LOCUSTA.
19 " MUSCOSA.

20 HYPENA (?) ANGITIA.
21 " (?) JACTATALIS (?)
22 SOTIGENA NOTODONTOIDES.
23 " DULCIS.
24♂ OGOAS ALBIPUNCTA.
25♂ TOMYRIS NIGROPUNCTA.
26 HORMISA ANDACA.
27 " LARYMNA.
28♂ LAMETIA IGNITALIS.

W. Purkiss lith.
Hanhart imp.
563.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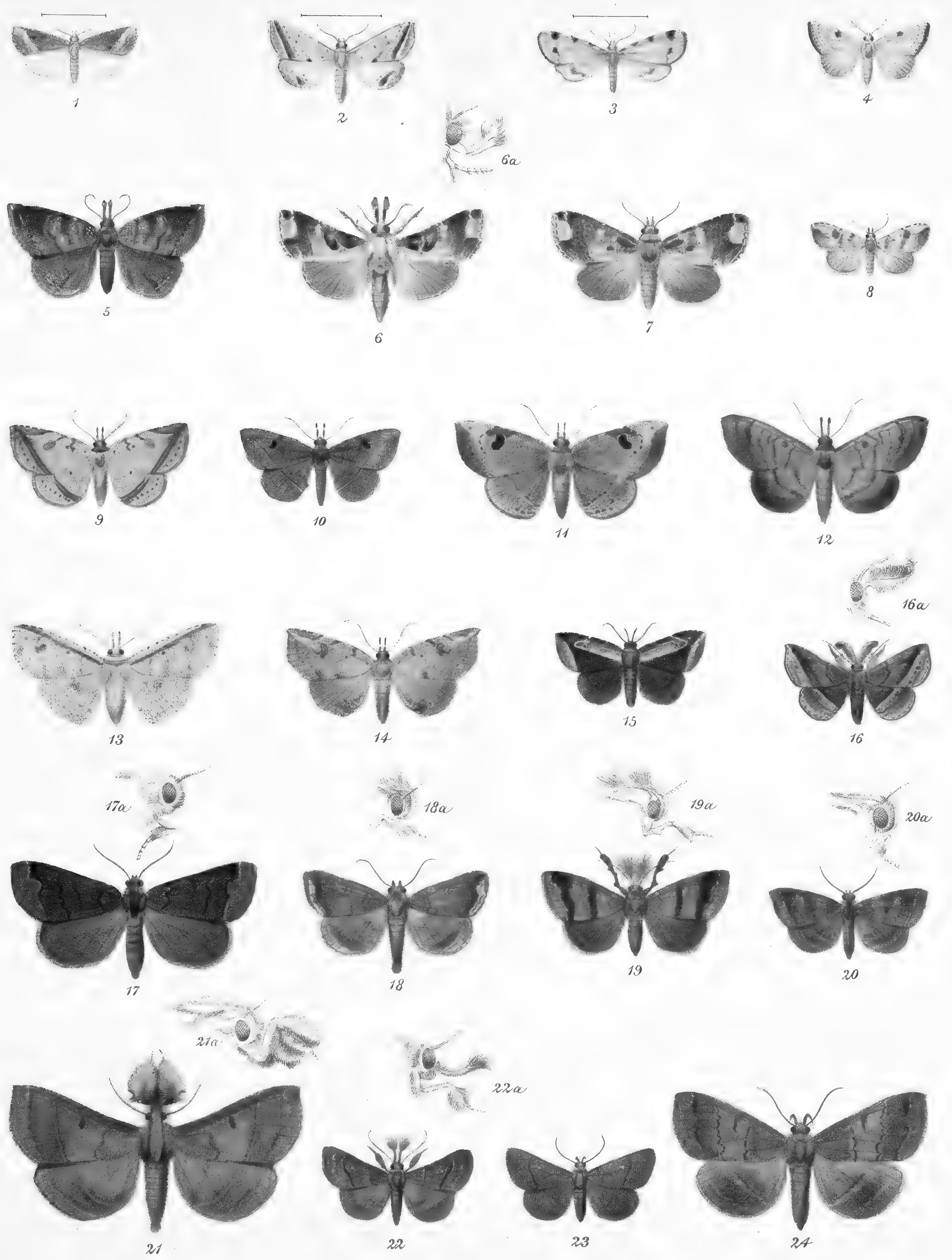
Biol. Centr. Am. *Heterocera. Tab. 36.*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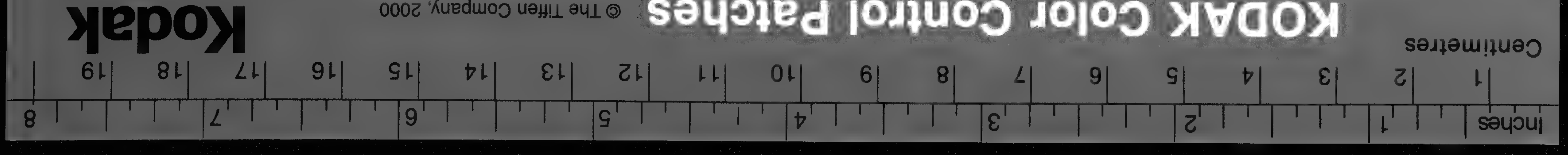
1 HYPENODES MACULA.
2 " (?) LYSIZONA.
3 " (?) APIS.
4 RIVULA MANDANE.
5♀ LAMETIA ANEMOLIA.
6,6a♂, 7♀ MYRTALE IMITATA.
8 RIVULA OROBENA.

9♂ SASERNA SCISSILINEA.
10♂, 11♀ " LYDE.
12♀ " (?) ANTIAS.
13♀ " (?) ANYTE.
14♀ " (?) ARBUSCULA.
15♂ MENECINA BIFACIES.
16,16a♂ ZORZINES PLUMULA.

17,17a♂ SIMPLICIA AONIA.
18,18a♂ " LYCAMBES.
19,19a♂ " (?) LYSANDRIA.
20,20a♂ " (?) ANYSIS.
21,21a♂ NARCÆA VILLOSA.
22,22a♂,23♀ SIMPLICIA (?) MÆRA.
24♀ NARCÆA VILLOSA.

W. Purkiss lith. Henhart imp.
566.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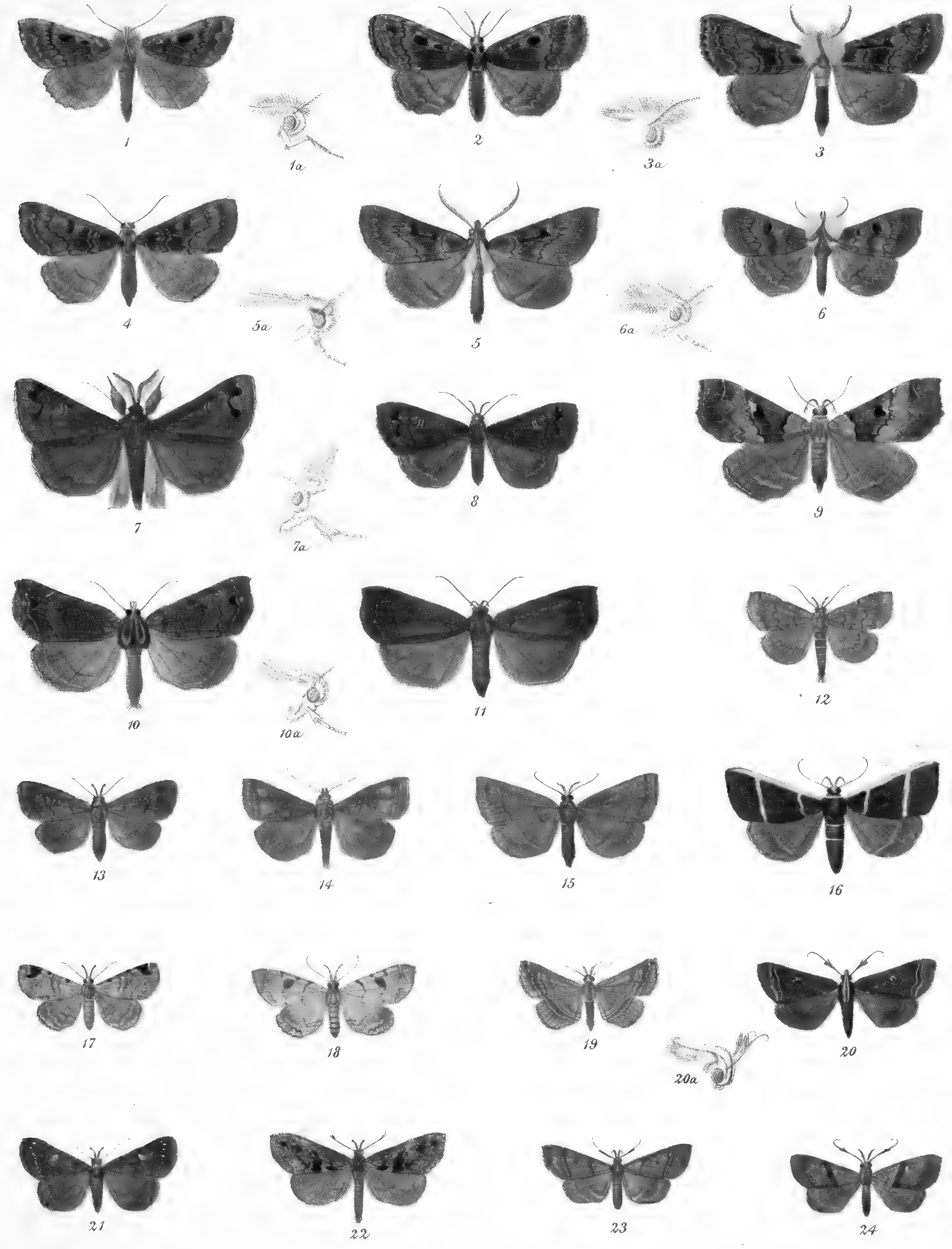
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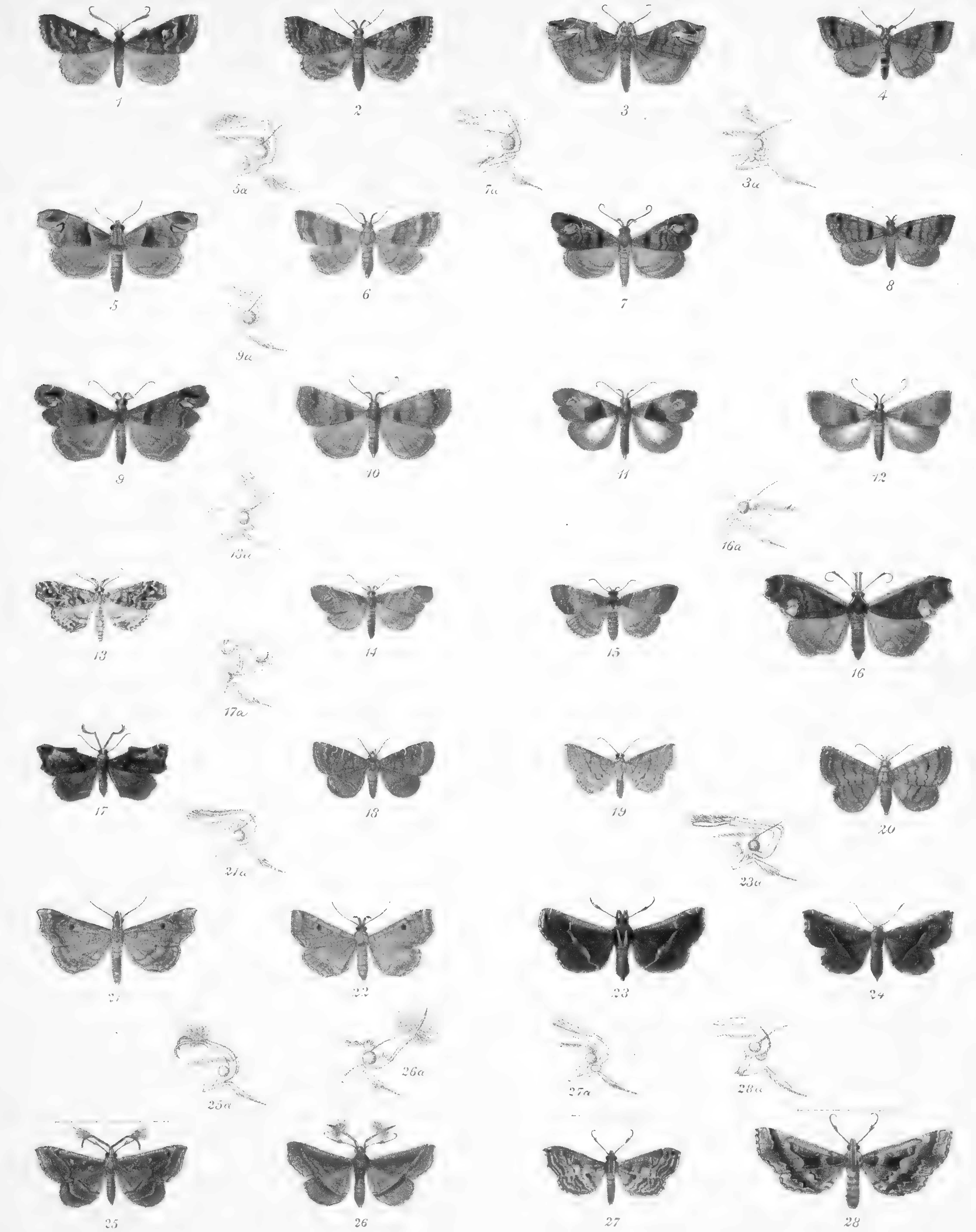
1, 1a♂, 2♀ MAMERTHES NIGRILINEA.
3, 3a♂, 4♀ NICETAS PANAMENSIS.
5, 5a♂ „ ANNON.
6, 6a♂ „ LYCON.
7, 7a, 8♀ STRATHOCLES RIBBEI.
9♀ „ IMITATA.
10, 10a♂, 11♀ PYRGION MENIPPUSALIS.

12♂ BLEPTINA MALIA.
13♀ „ (?) LASÆA.
14 „ (?) ANTINŒ.
15♀ „ (?) MAGAS.
16♀ „ (?) ANTELIA.
17♀ „ (?) ARATUS.

18♀ BLEPTINA (?) MACEDO.
19♀ „ (?) LYCEUS.
20, 20a♂ ARISTARIA LYDIA.
21♀ „ (?) LYSIS.
22♂ „ (?) LYCAON.
23♂ „ (?) APICATA.
24♂ „ (?) MŒRA.

W. Purkiss lith.
Hanhart imp.
569.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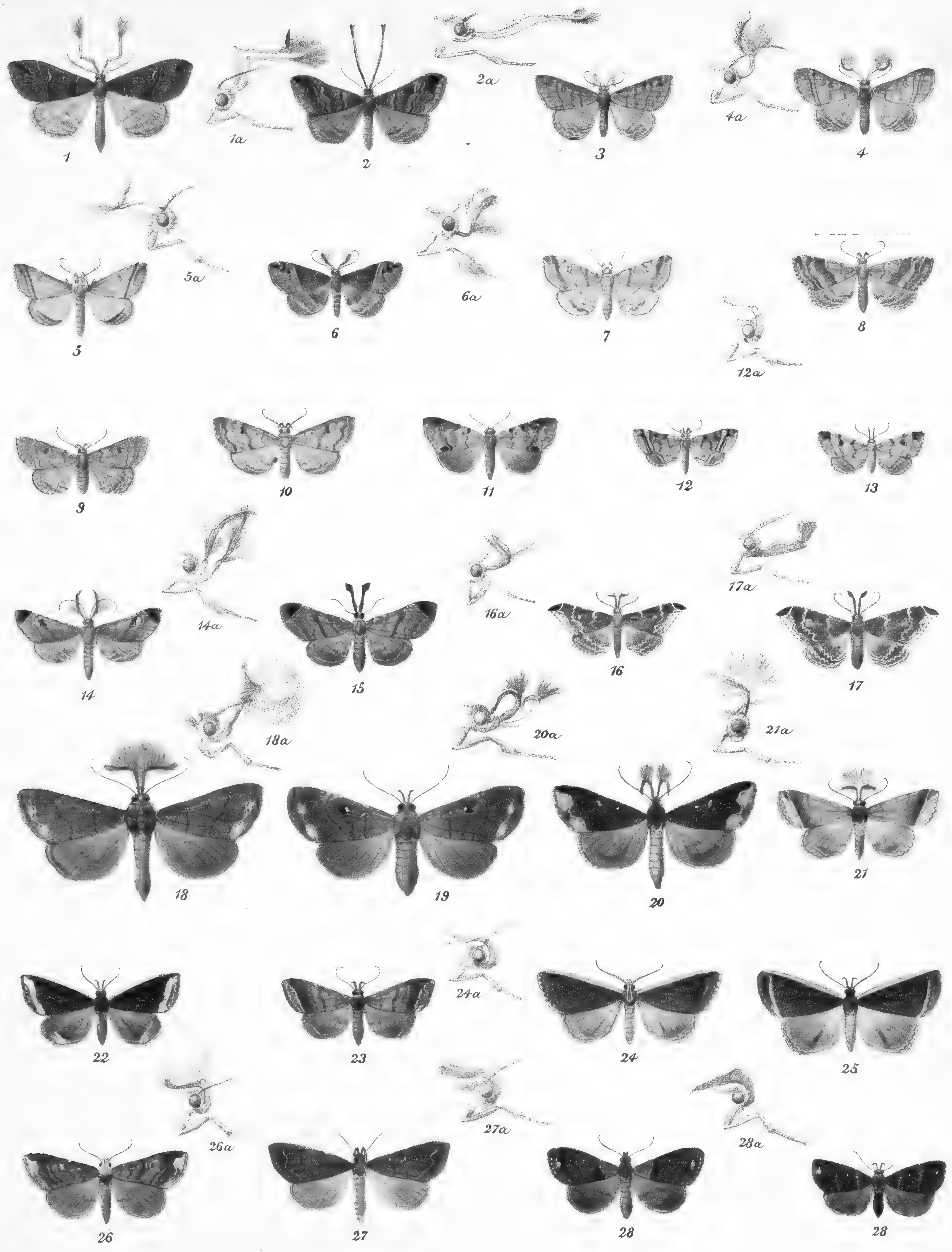
1♂ THEOTINUS VIRBIUSALIS.
2♀ " LYCIMNIA.
3,3a♂,4♀ TORTRICODES AON.
5,5a♂,6♀ " ALUCITALIS?
7,7a♂,8♀ GABERASA ANXA.
9,9a♂,10♀ " MANES.
11♂,12♀ " ALBIBASALIS.

13,13a♂ GABERASA (?) ALBIPUNCTALIS.
14♂,15♀ LASCORIA PHORMISALIS.
16,16a♂ OTACES LINEATA.
17,17a♂ SITOPHORA LYCES.
18 EPIZEUXIS (?) ANTICLEA
19 " (?) MACERIA

20 EPIZEUXIS (?) ANSER
21,21a♂,22♀ MEGATOMIS ANNA.
23,23a♂,24♀ " LYSIZONA.
25,25a♂ " ANTHIPPE.
26,26a♂ " ANTONIA.
27,27a♂ PERIPHRAGE MAGO
28,28a♂ " ANYTE.

W. Purkiss lith.

Hanhart imp.
378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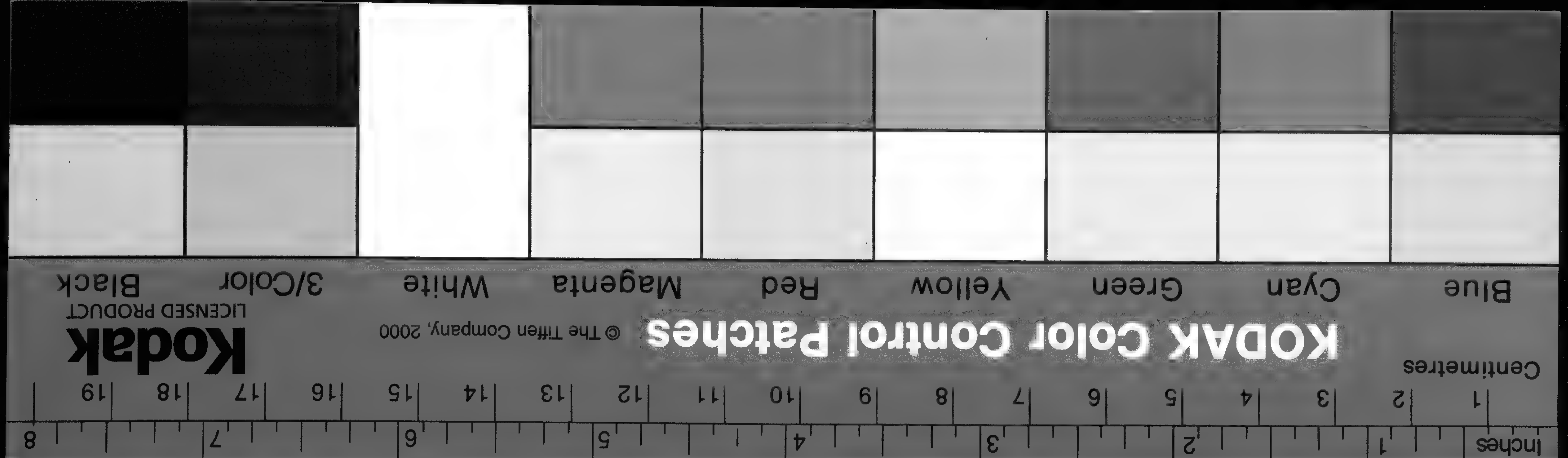
1, 1*a*♂ MASTIGOPHORUS LYGDUS.
2, 2*a*♂ " ANTORIDES.
3♂ " (?) ANTHORES.
4, 4*a*♂ " (?) LYSANIAX.
5, 5*a*♂ " (?) MALLOPHORA.
6, 6*a*♂ " (?) AONIA.
7 NEOHERMINIA CEUSALIS.
8 " DIRUPTALIS.

9♀ NEOHERMINIA (?) APSINTHES.
10 " (?) ANCHISA.
11 " (?) ANGITIA.
12, 12*a*♂, 13♀ " STALEMUSALIS.
14, 14*a*♂, 15♀ PALTHIS BIZIALIS.
16, 16*a*♂, 17, 17*a*♀ NEOPALTHIS MADATES.
18, 18*a*♂, 19♀ BERTULA TALAUSALIS.

20, 20*a*♂ BERTULA LYCAS.
21, 21*a*♂ BOCANA PHARUSALIS.
22♀ " MALIS.
23♀ " THEROALIS.
24, 24*a*♂, 25♀ " PAGASUSALIS.
26, 26*a*♂ " LYSE.
27, 27*a*♂ " ANTORIDES.
28, 28*a*♂, 29♀ " LYCASTE.

W. Purkiss lith.

Hanhart imp.
571.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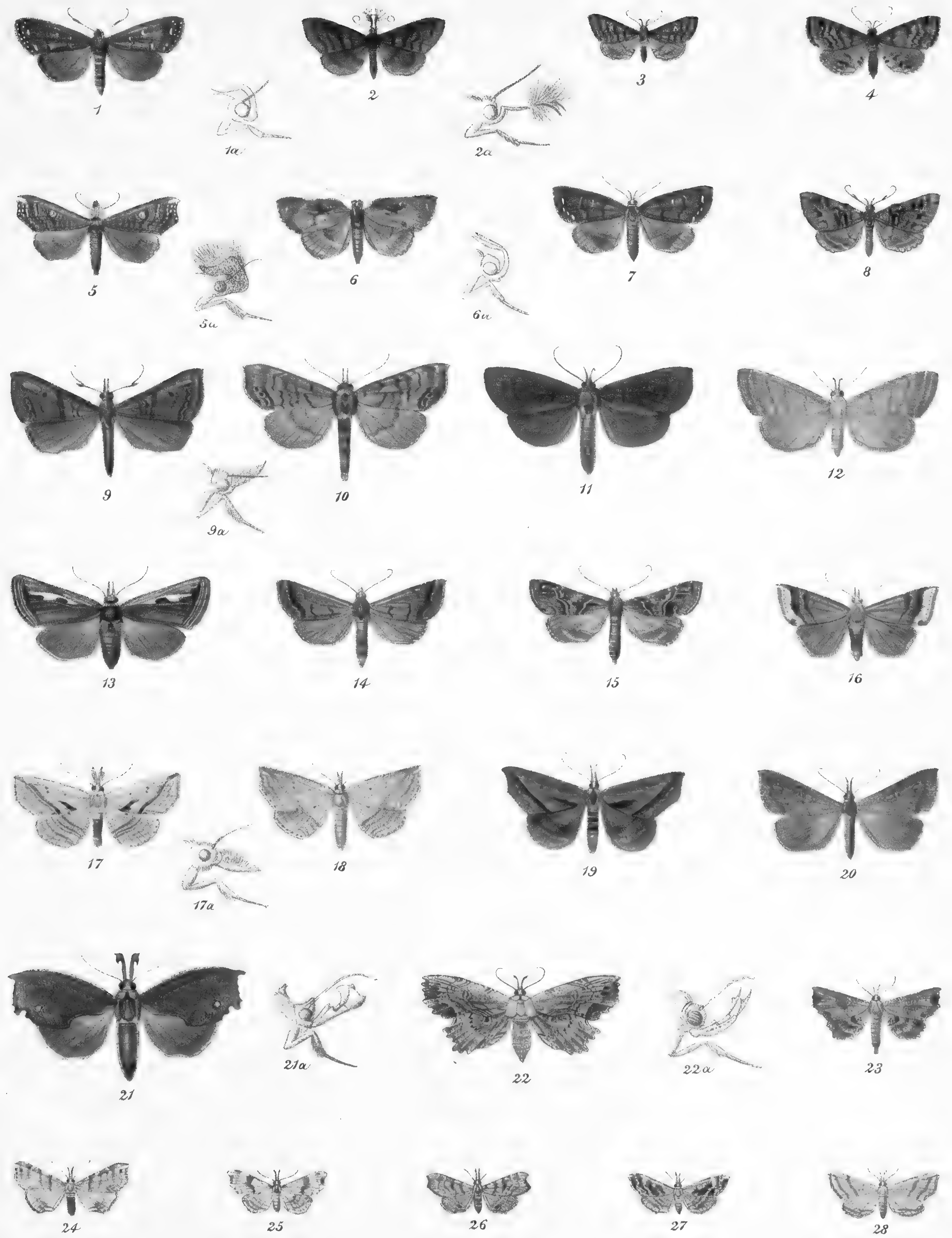
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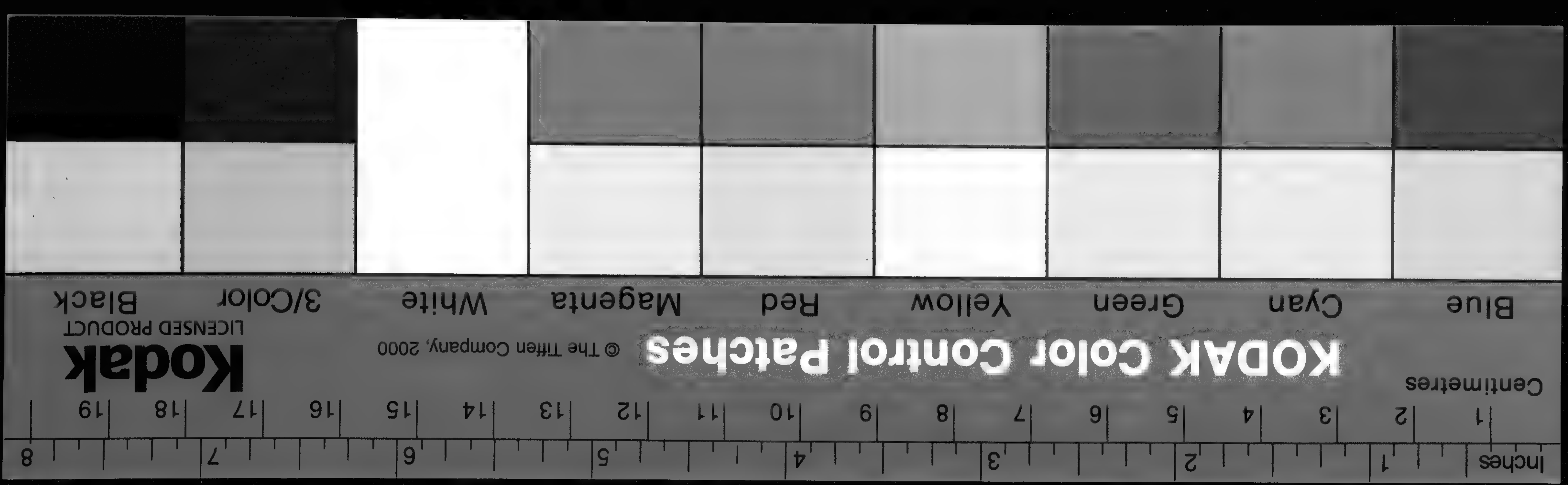
1,1a♂ BOCANA (?) ANTEROS.
2,2a♂ „ MAIA.
3♀ „ (?) ARBONA.
4♀ „ (?) MARPESIA.
5,5a♂ MARGITES BUGABA.
6,6a♂,7♀ ARGANIA PILOSA.
8♂ HYPOECHANA FULIGINOSA.
9,9a♂ ARIPHRADES SETULA.
10♂ IPNEA MARINA.

11♀ IPNEA ARDALUS.
12 „ (?) MAPETA.
13♀ DIDUGUA ARGENTILINEA.
14 PŒNA PORRECTALIS.
15 „ TESSELLATA.
16♀ „ (?) ALBOMARGINATA.
17,17a♂,18♀ LEDÆA ARDUINE.
19♀ „ MARCELLA.

20 LEDÆA ARCIVA.
21,21a♀ RHESCIPHA OBTUSA.
22,22a♀ OROSCOPA CONCHA.
23 „ PUNCTATA.
24 SORYGAZA DIDYMATA.
25♀ „ AREA.
26♀ „ MARDIA.
27♀ „ ARBELA.
28♀ „ ARMASATA.

W. Purkiss lith.

Hanhart imp.
572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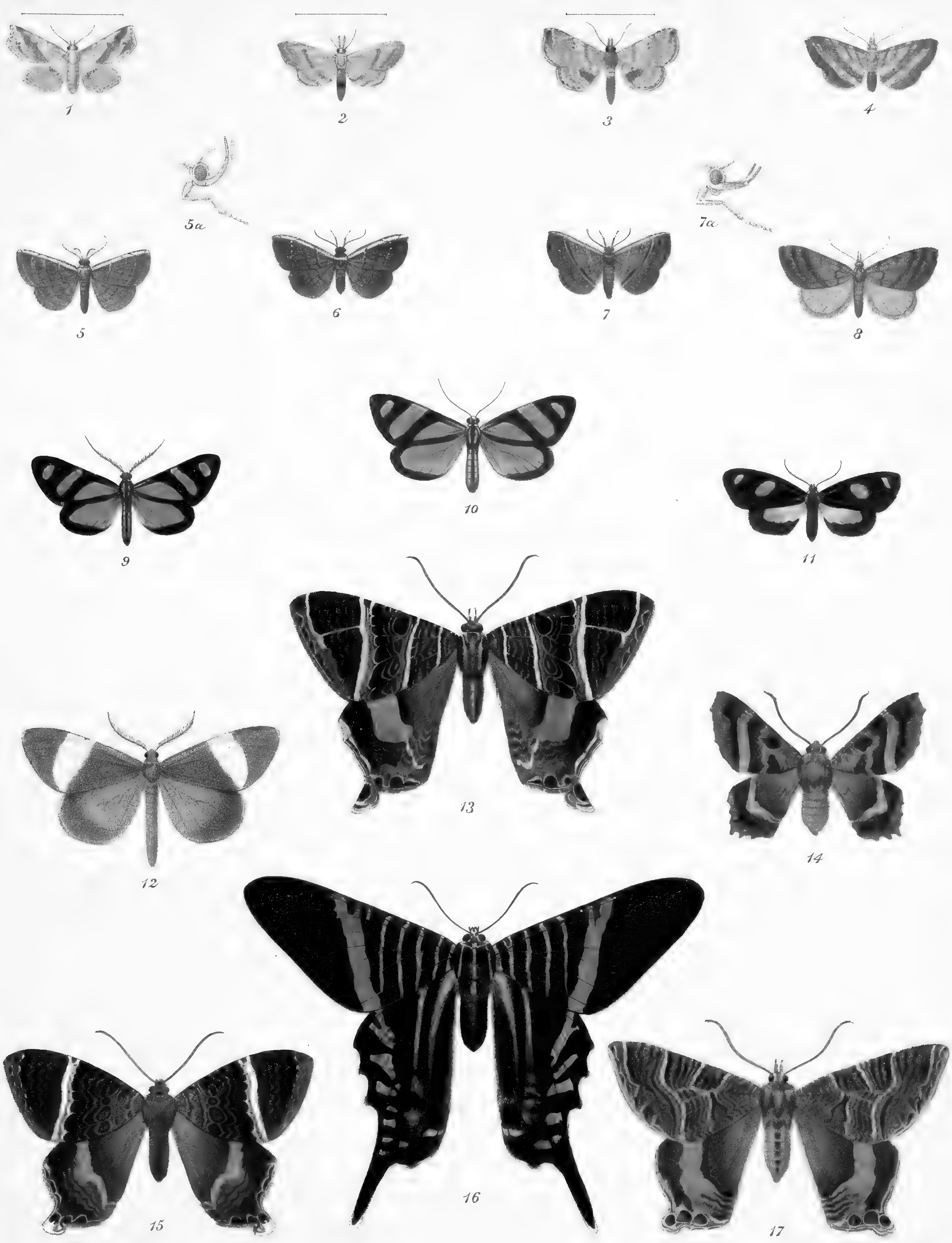
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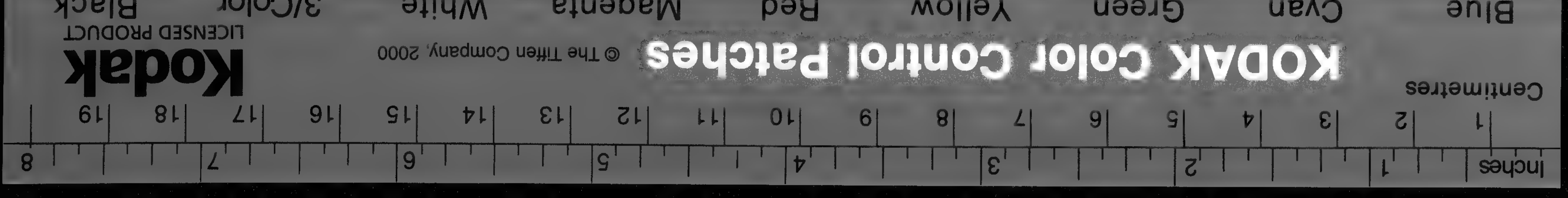
1♀ SORYGAZA MANTO.
2♀ " ARGANDINA.
3♀ " JUDICATALIS.
4♀ " MARICA.
5, 5a♂, 6♀ PLYNTERIA MARGINATA.
7, 7a♂ PLYNTERIA LINEATA.
8 DIDA CIDARIA.
9♂, 10♀ PHÆOCHLÆNA SOLILUCIS.
11♀ " CYTHERIS.
12♂ SIMENA LUCTIFERA.
13♀ CORONIDIA CANACE.
14♀ " RIBBEI.
15♀ " ECHENAIS.
16 URANIDIA FULGENS.
17♀ CORONIDIA INTERLINEATA.

W. Purkiss lith. Hanhart imp.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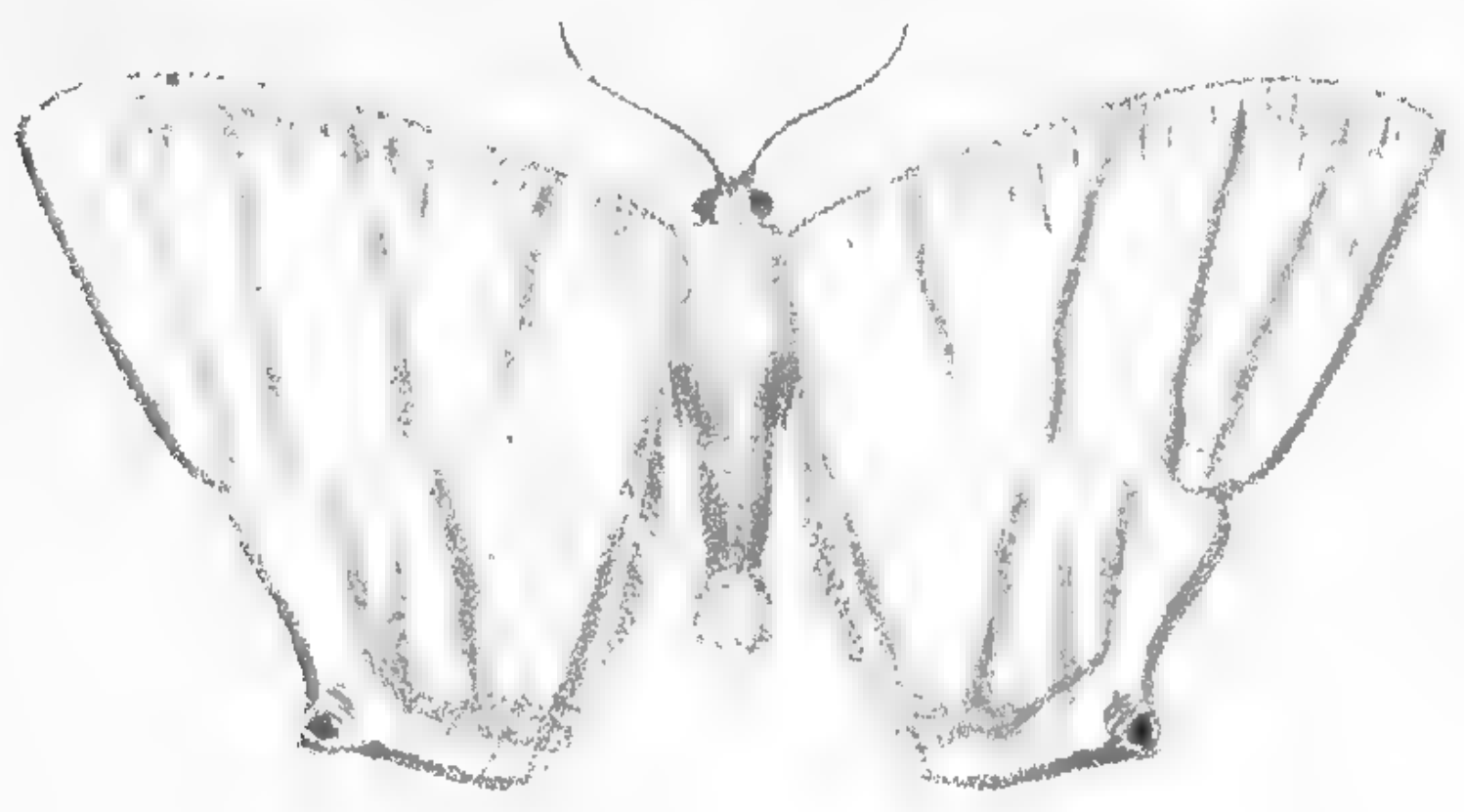
Centimetres
Inches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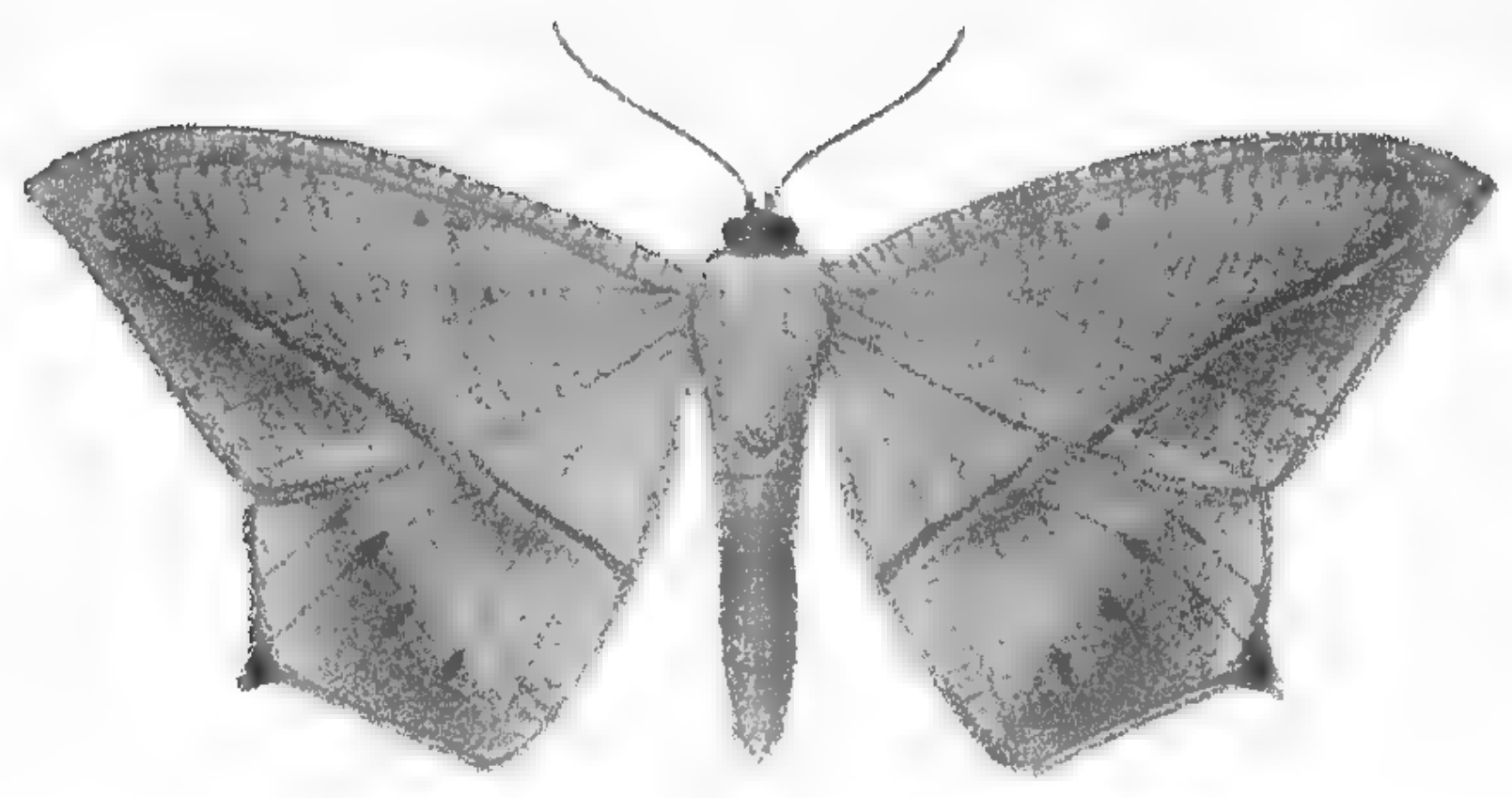
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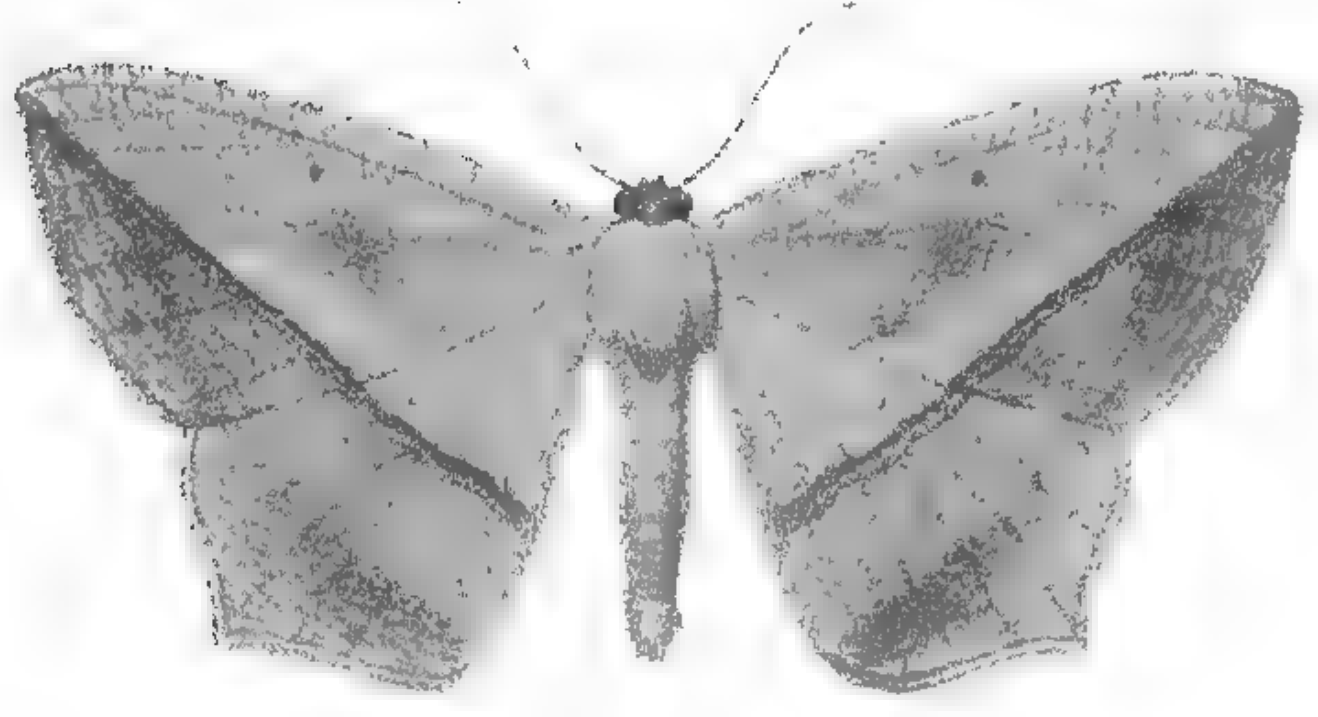
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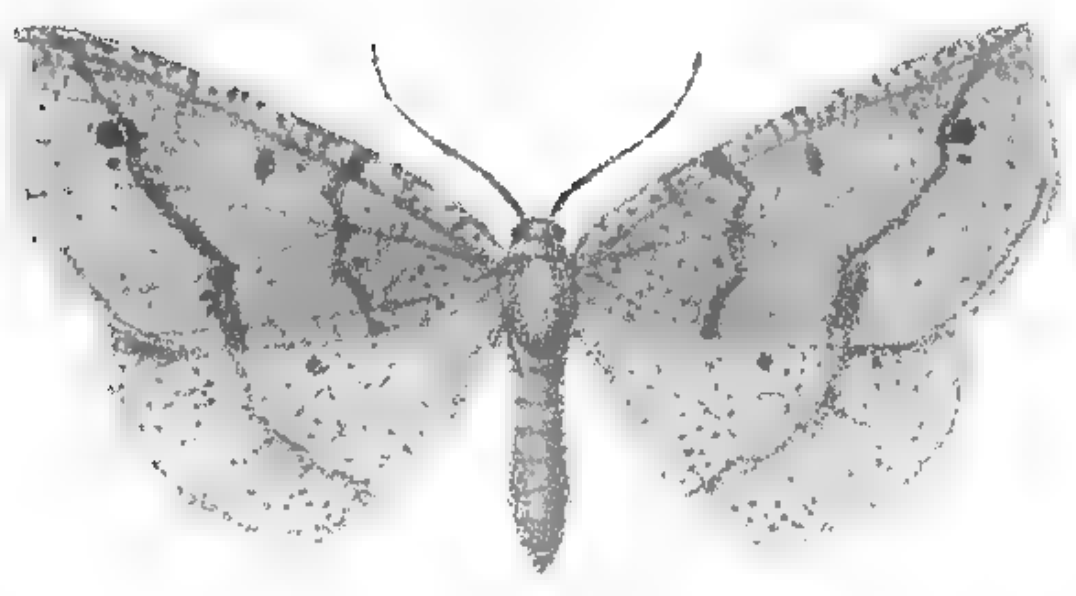
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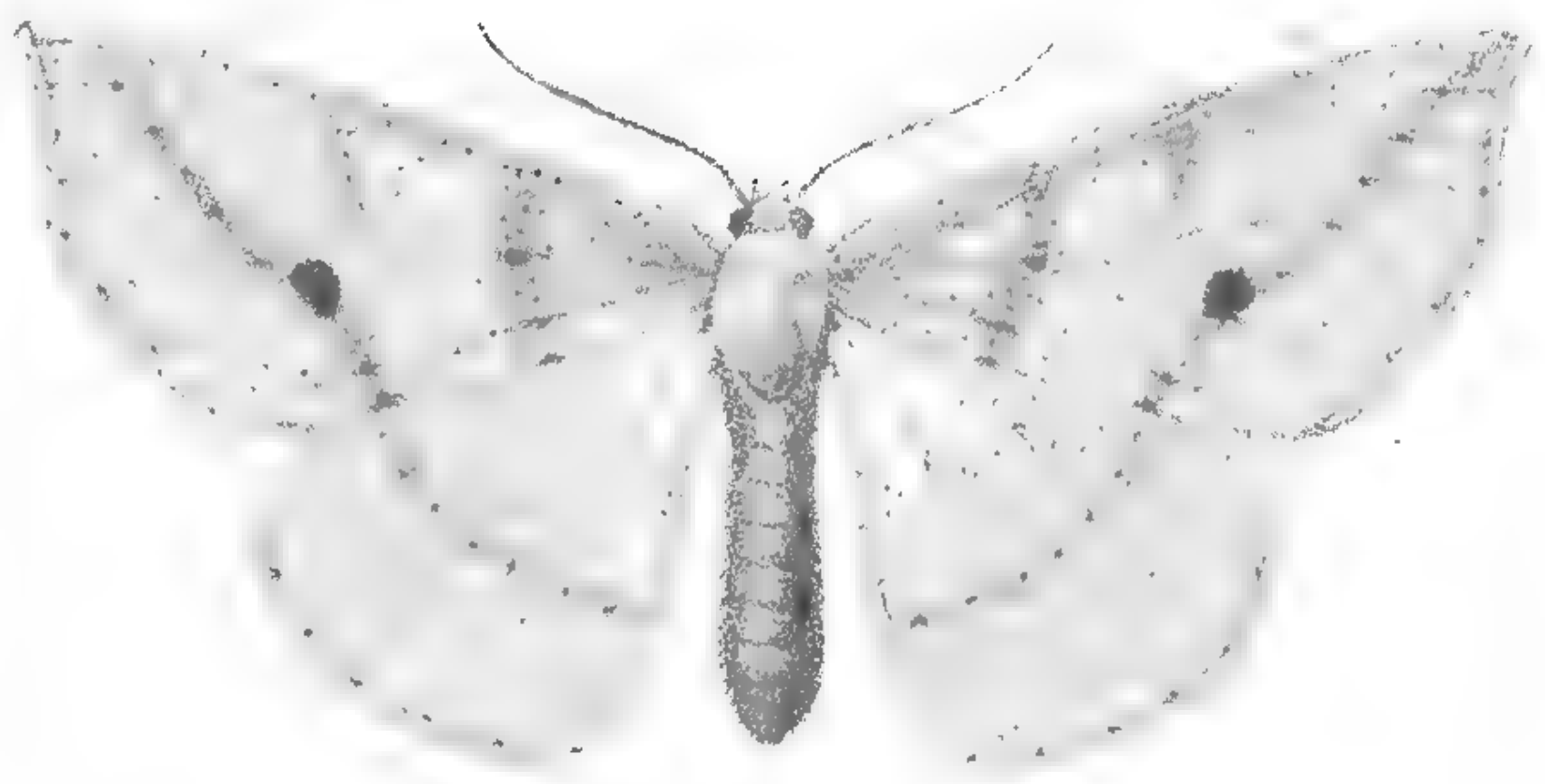
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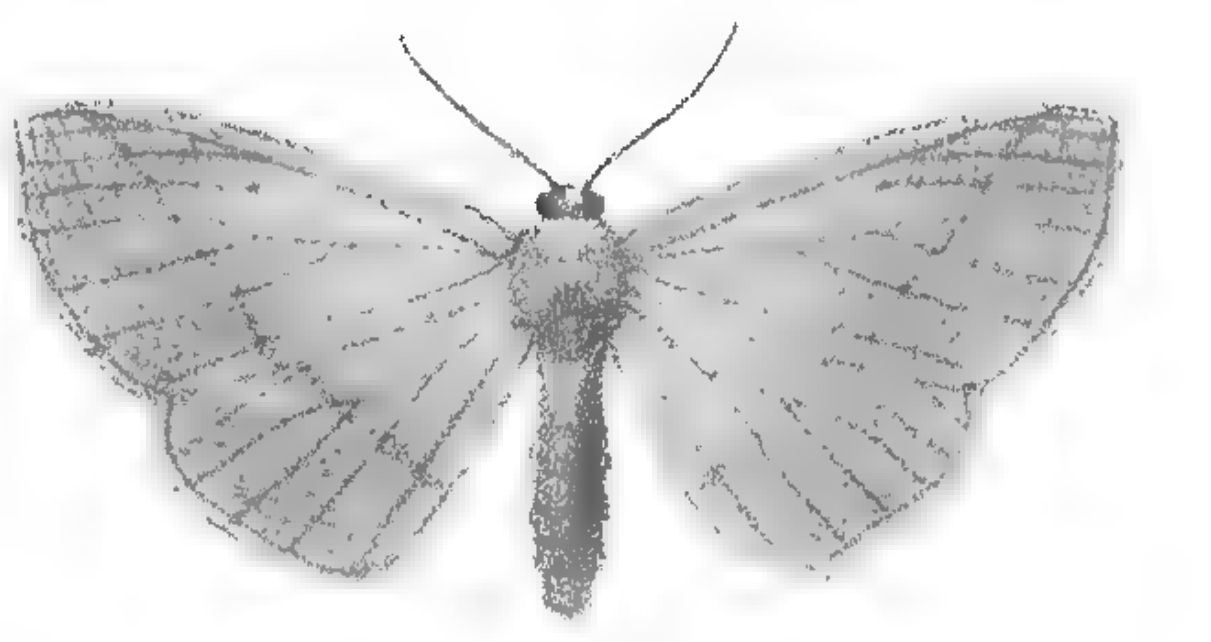
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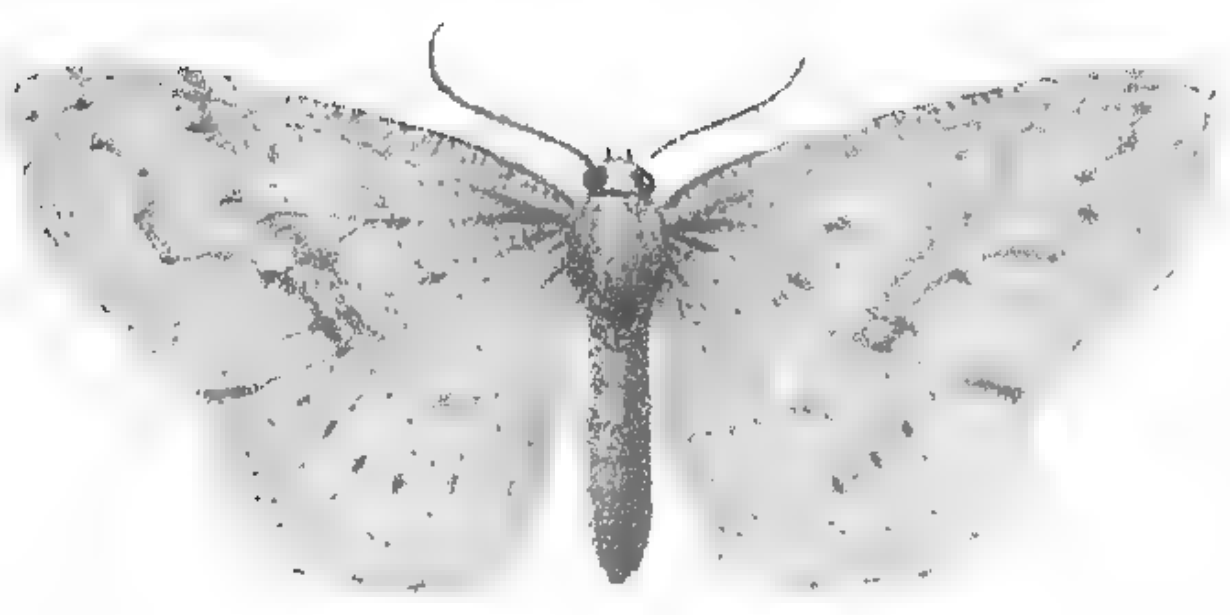
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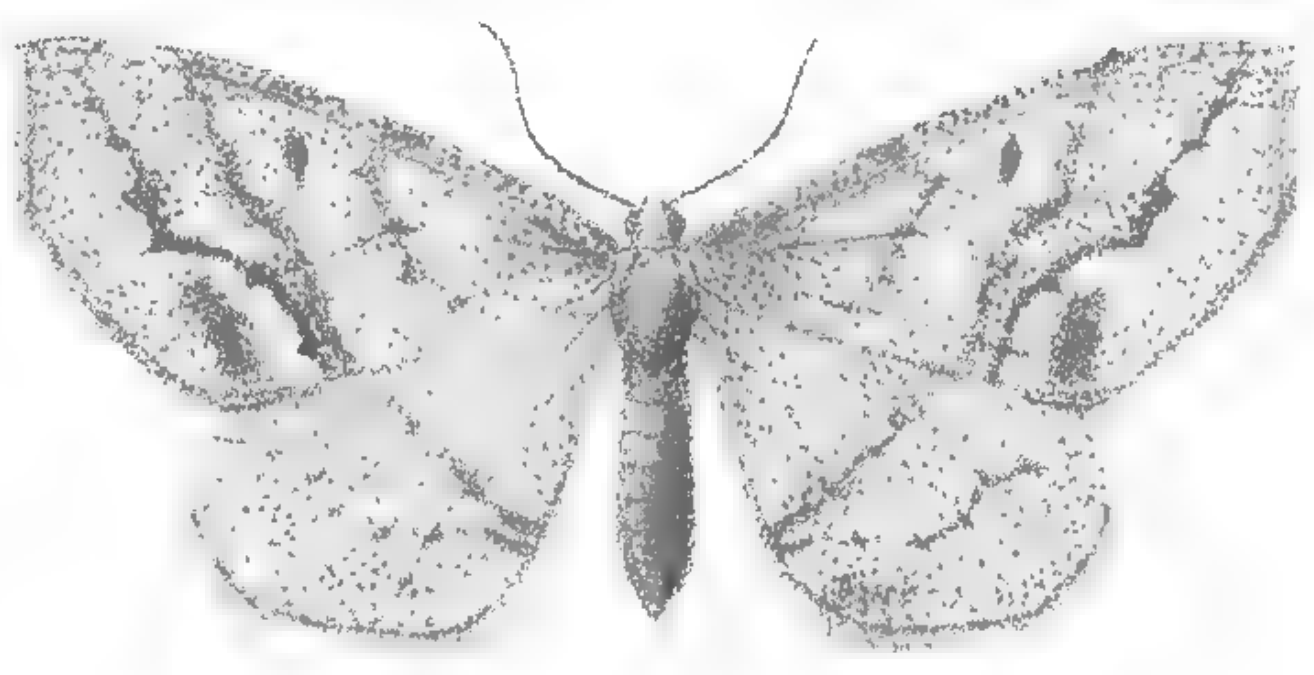
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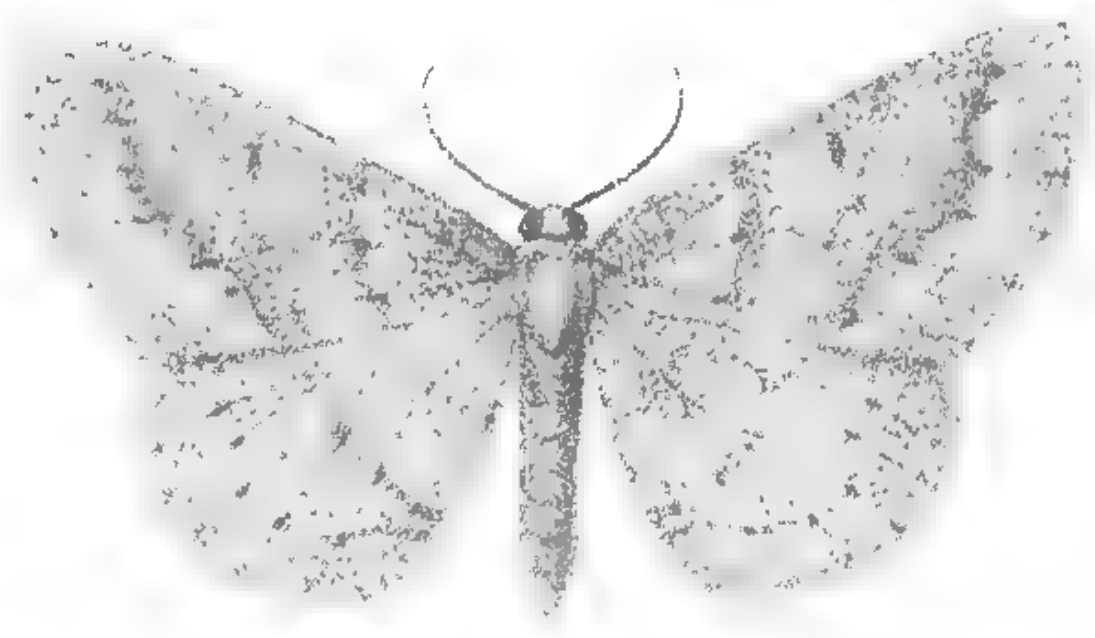
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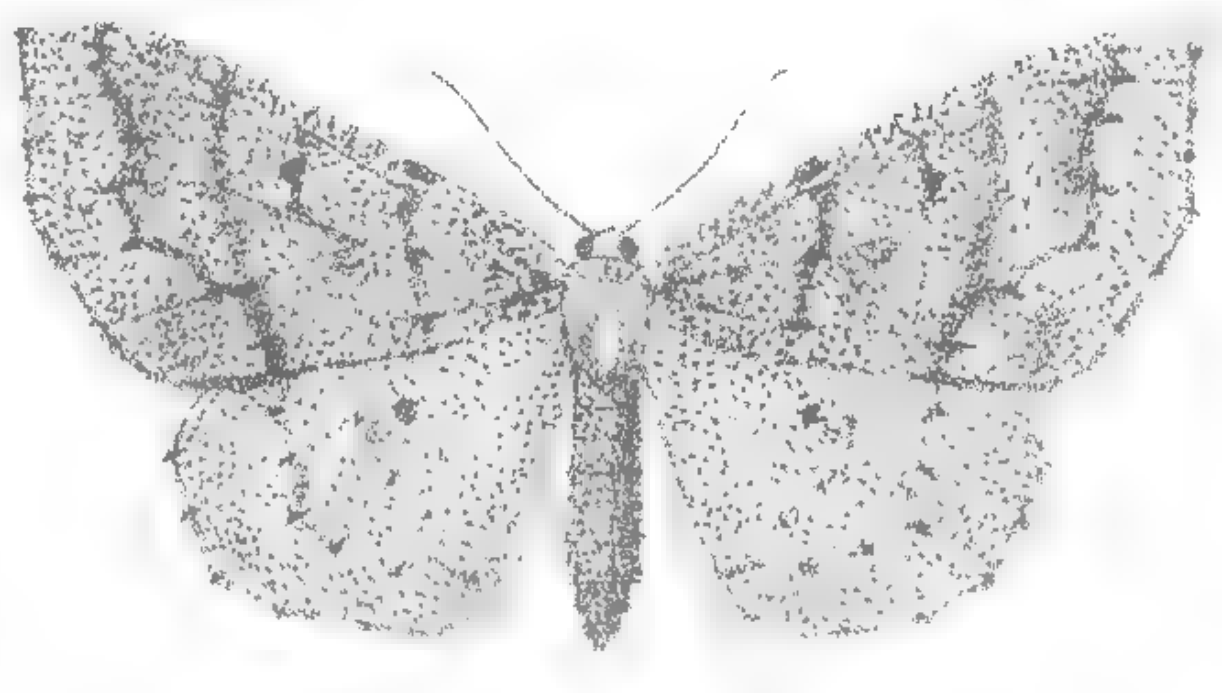
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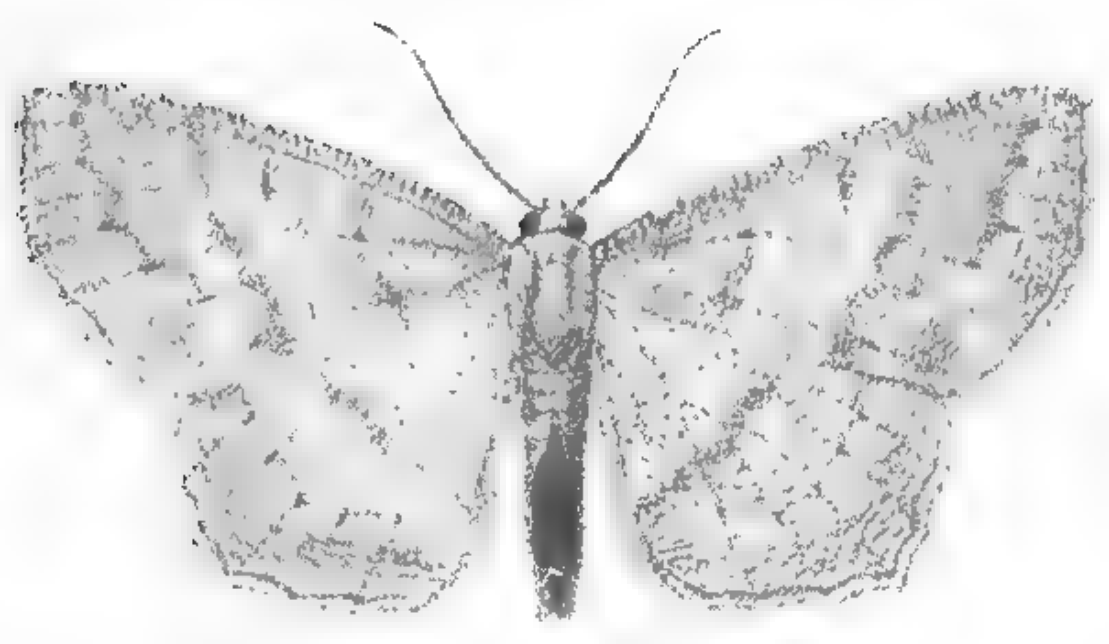
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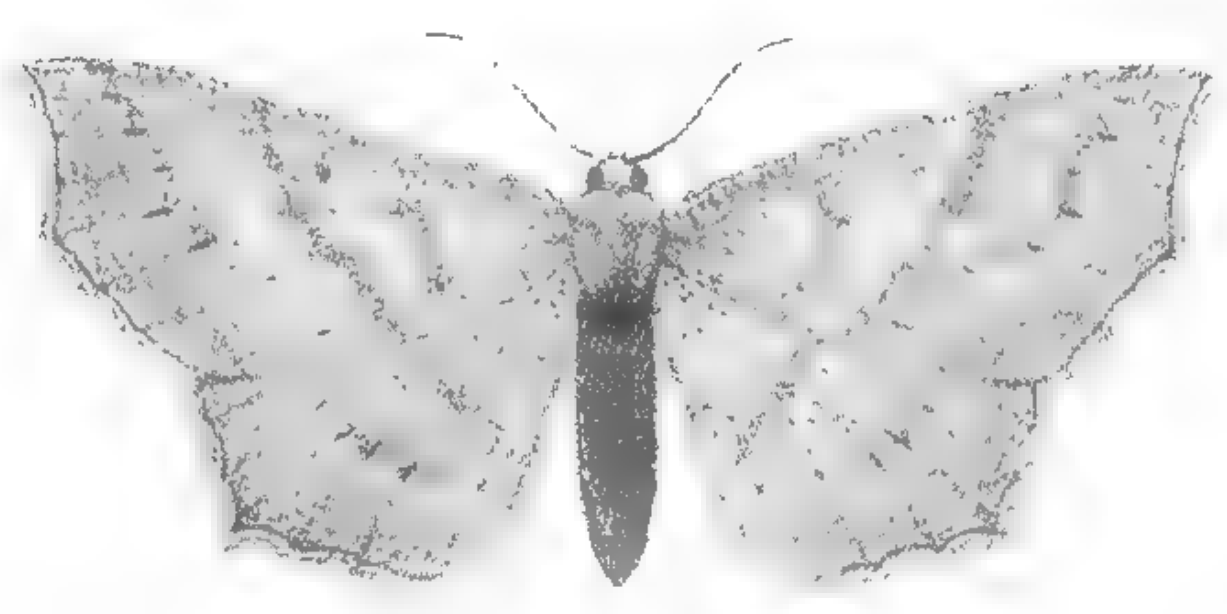
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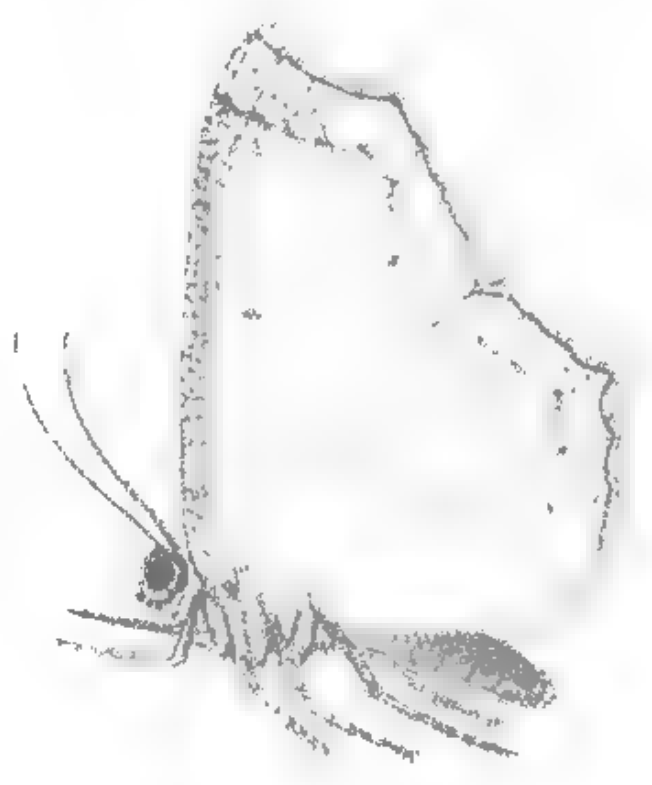
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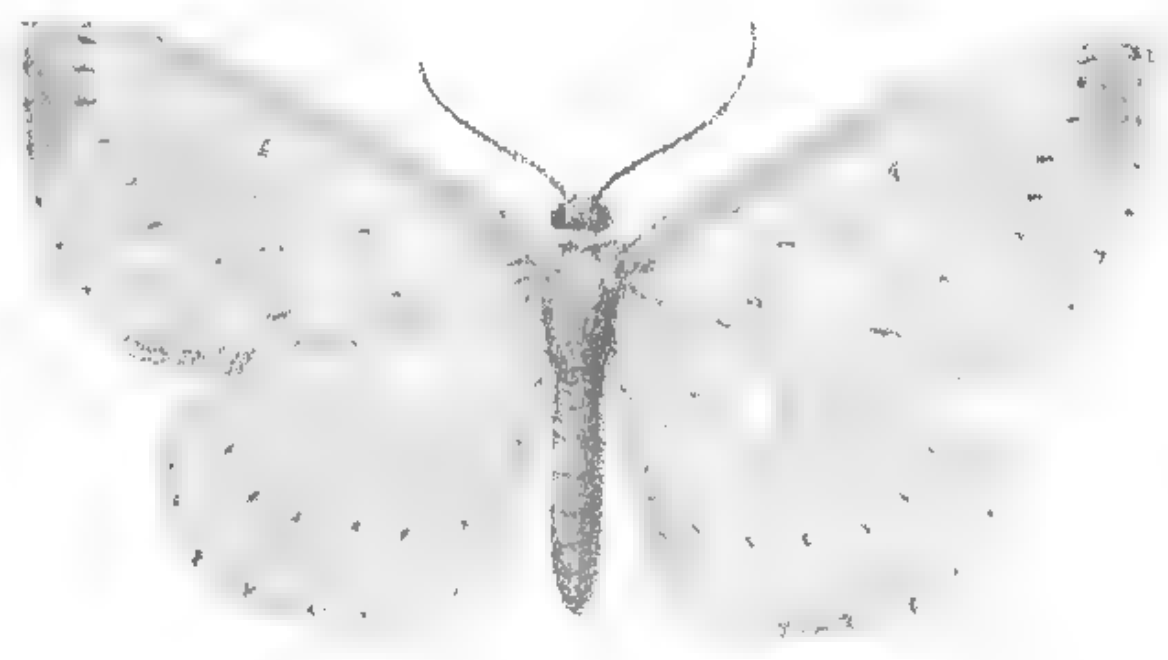
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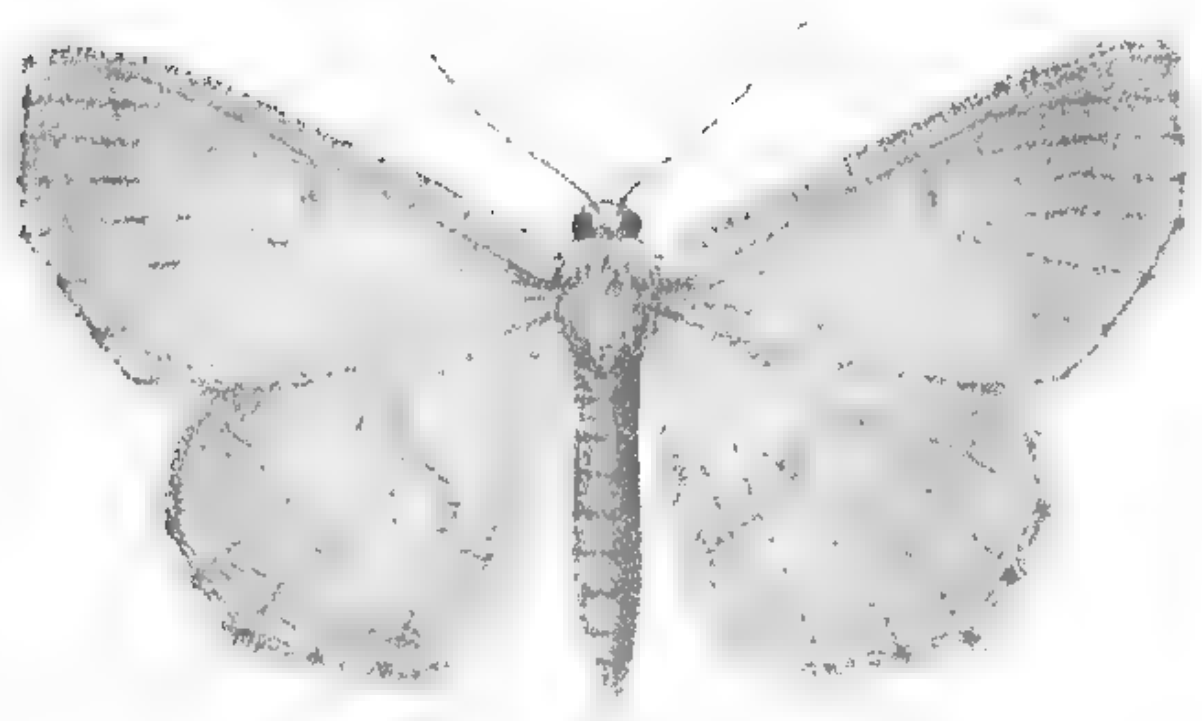
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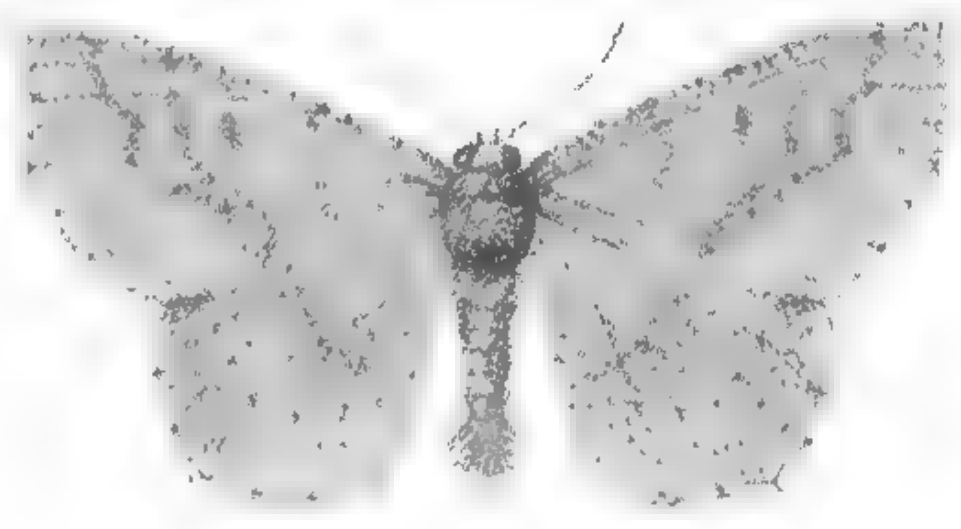
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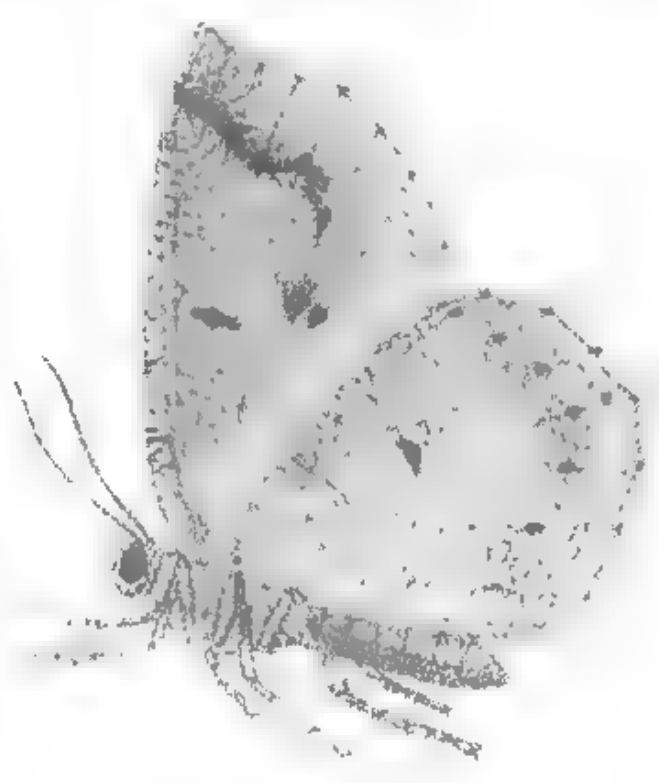
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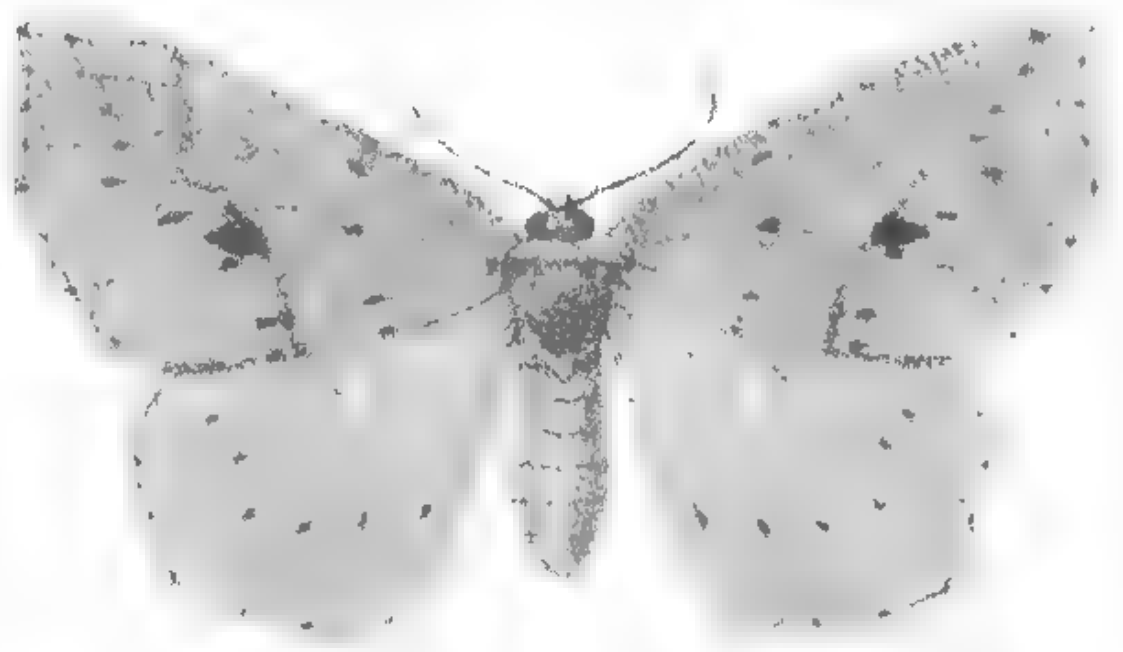
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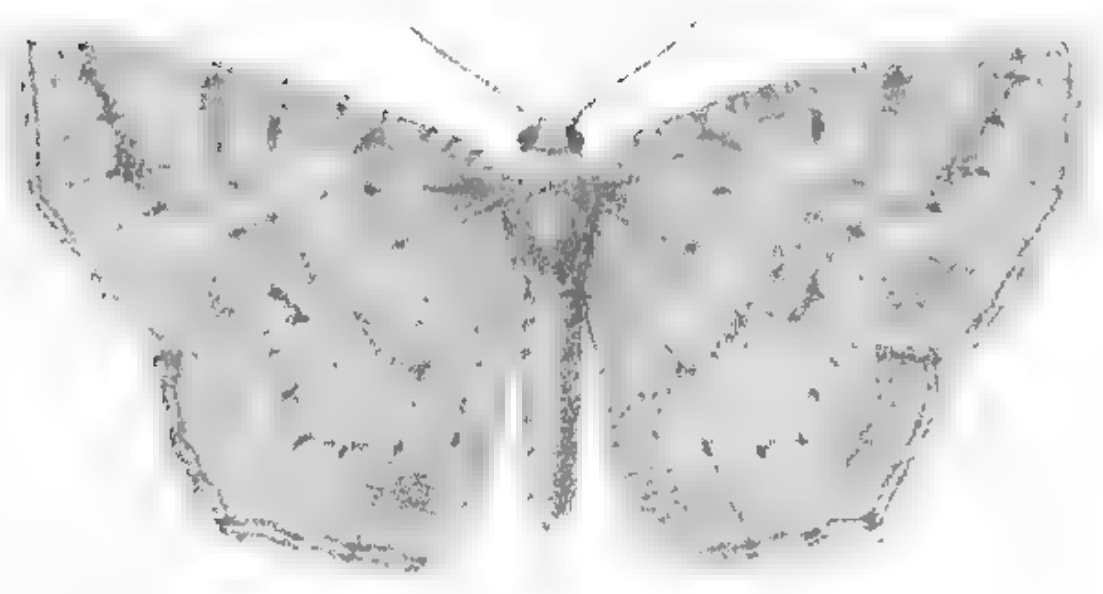
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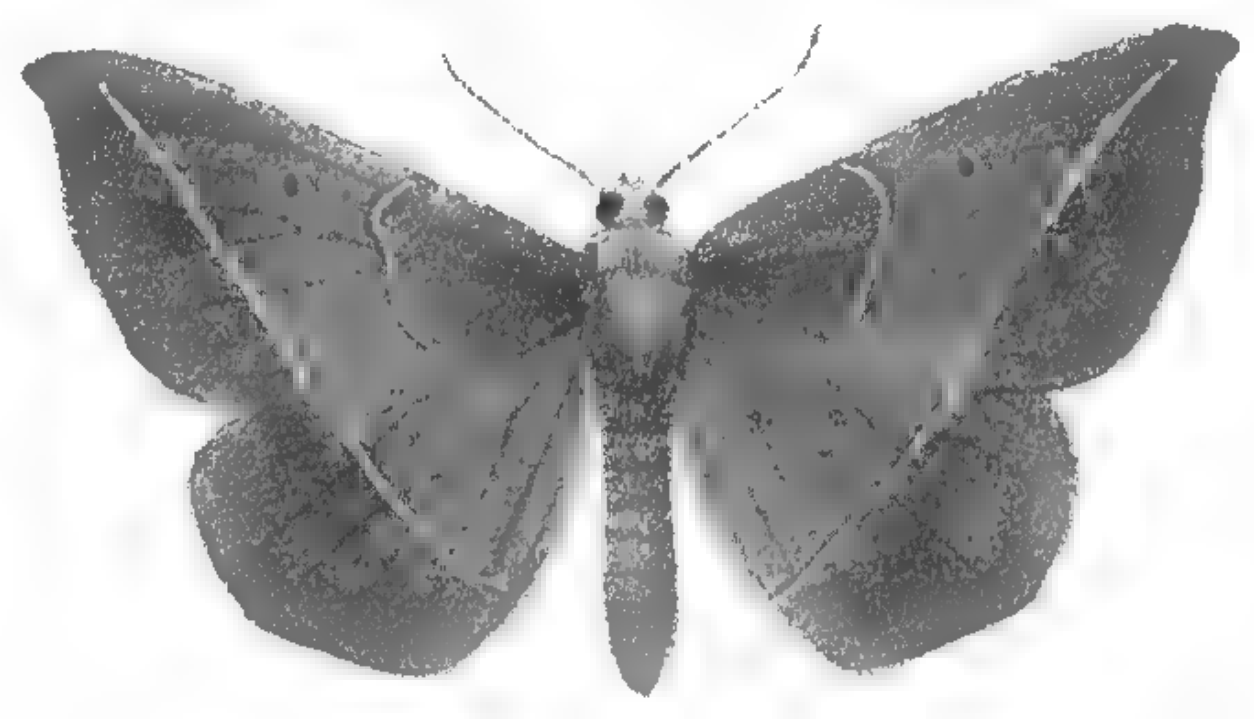
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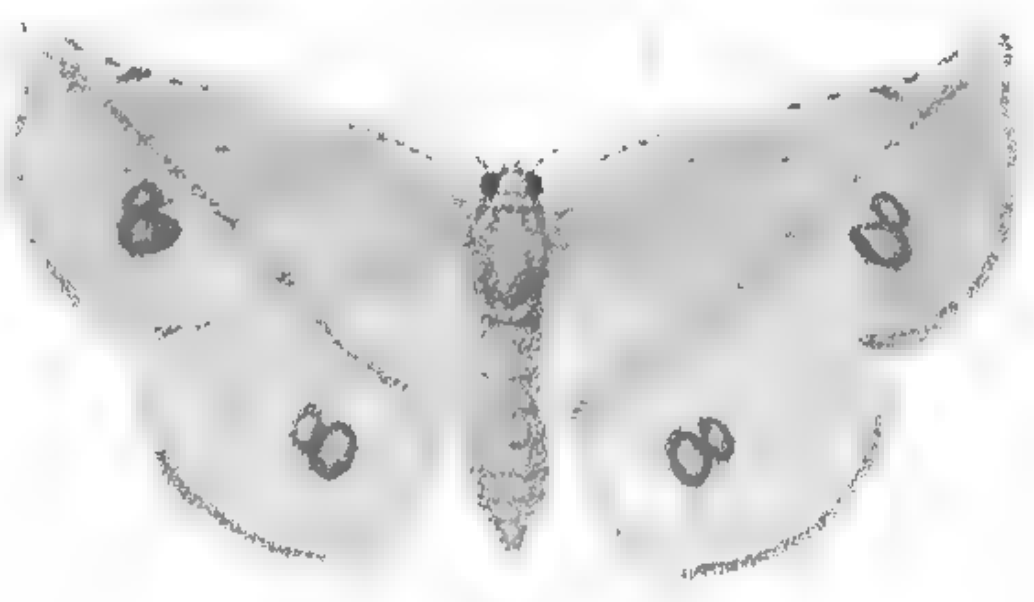
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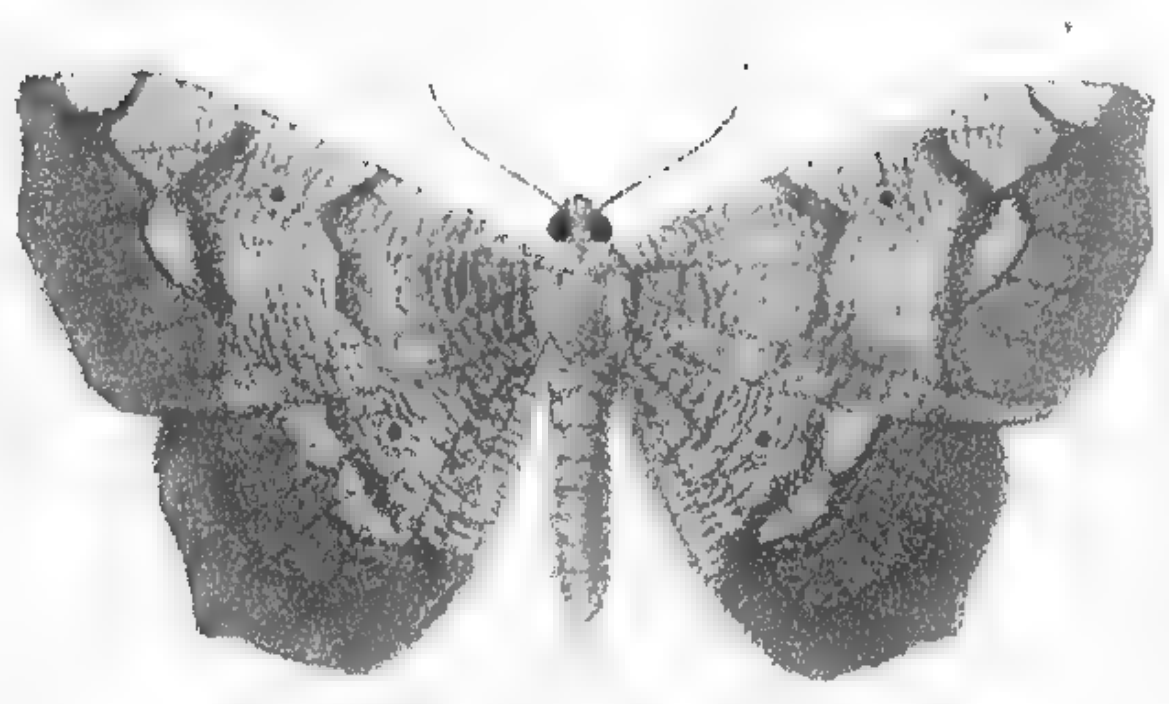
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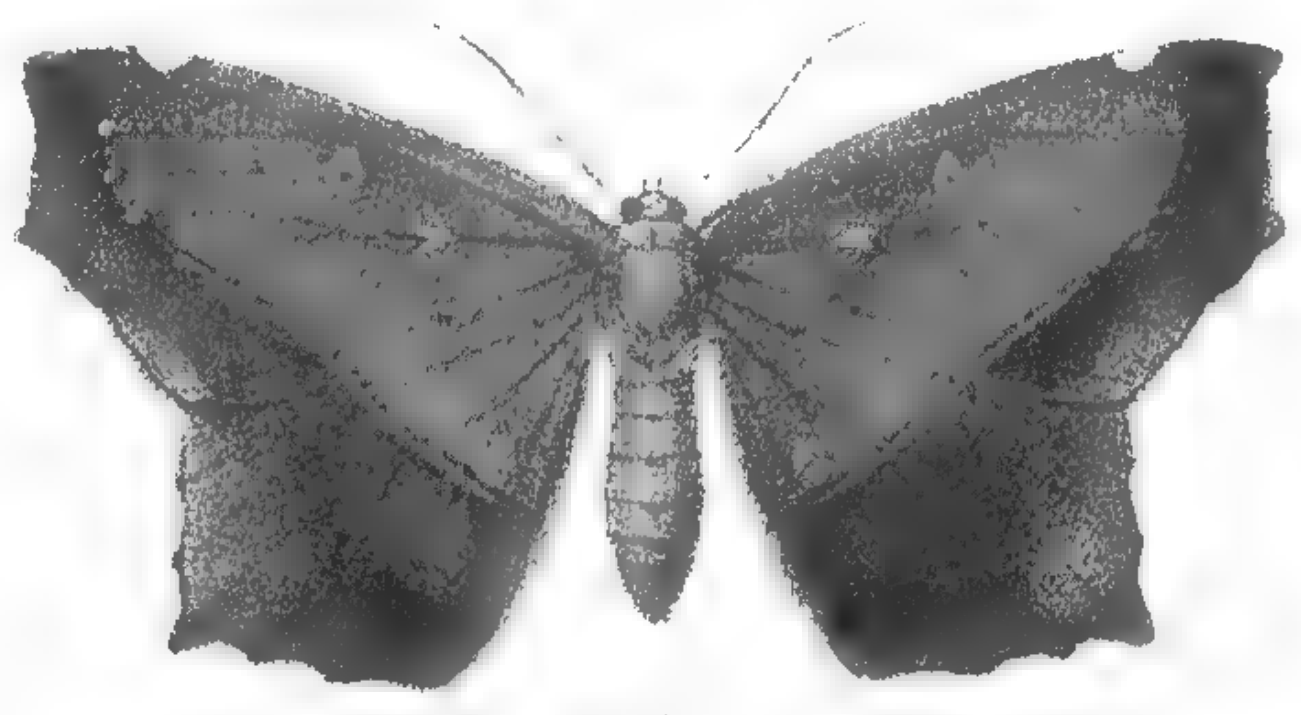
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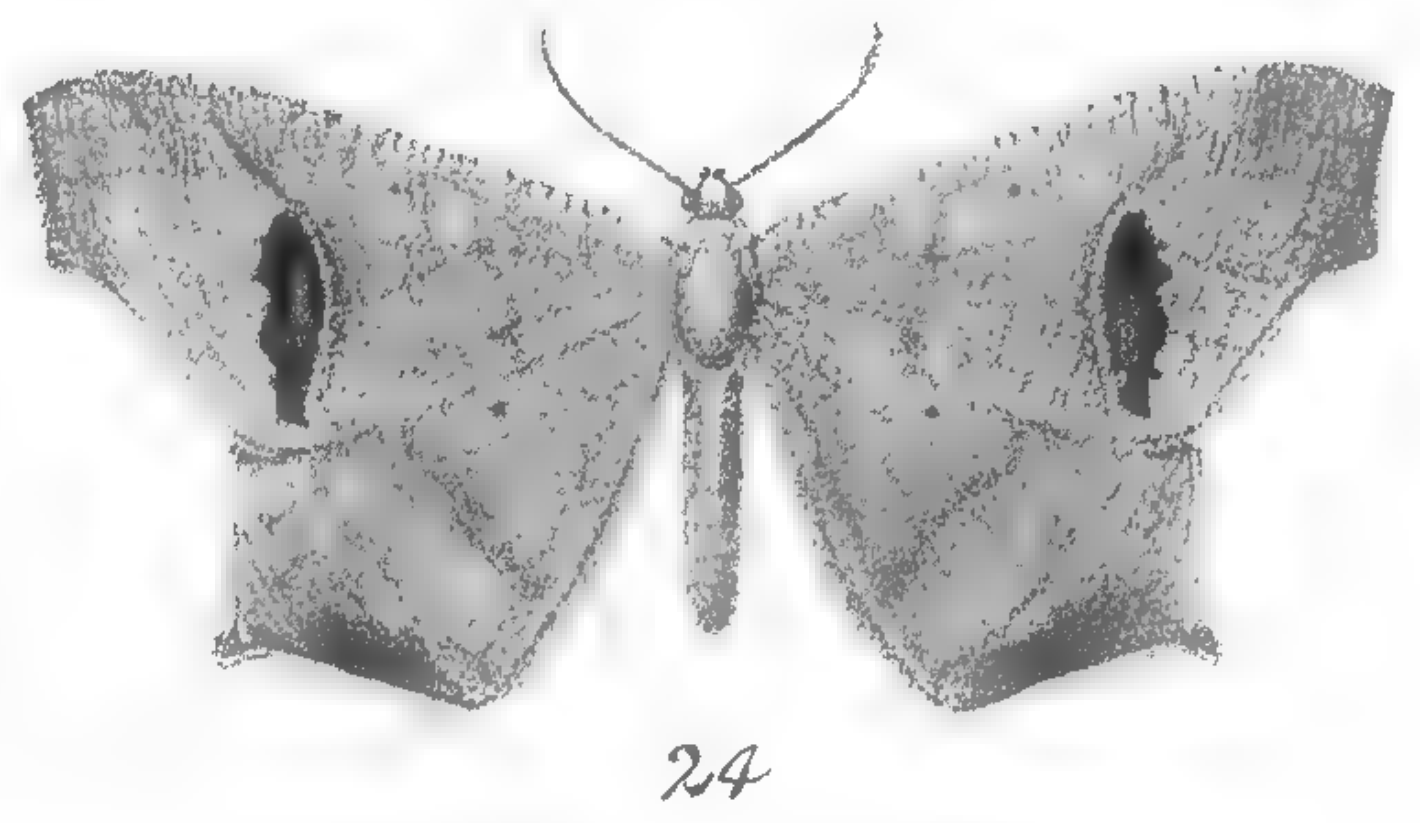
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2 ÆSCHROPTERYX MARCIANA.
3 ♂ " MARTINA.
4 ♂ CIRSODES ARCENO.
5 ♀ " ACUMINATA.
6 SABULODES ARGE.
7 ♂, 8 ♀ SABULODES ARGYRA.
9 ♂ 10 ♀ " MASTAURA.
11 ♂, 12, 13 ♀ " ARSES.
14 ♂ " MATRONA.
15 ♂ " MEDUANA.
16 ♂, 17, 18 ♀ " ARNISSA.
19 ♂ SABULODES MATRICA.
20 ♂ MUCRONODES ARTEMON.
21 ♂ CIMICODES PRIMULARIA.
22 ♂ PARAGONIA ARBOCALA.
23 ♀ PROCHŒRODES ARRHAPA.
24 ♂ " COLUMBIPENNIS.

W. Purkiss lith.
Hanhart imp.
582.

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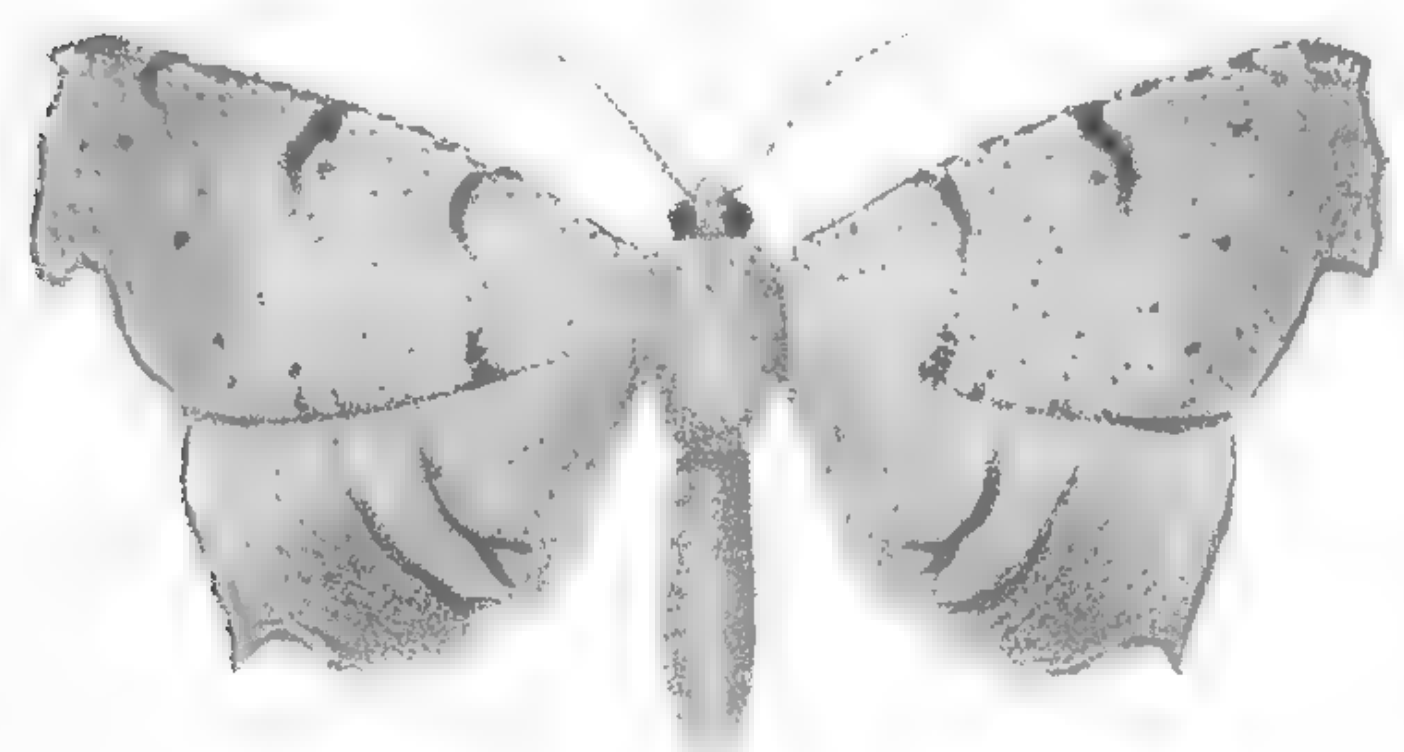
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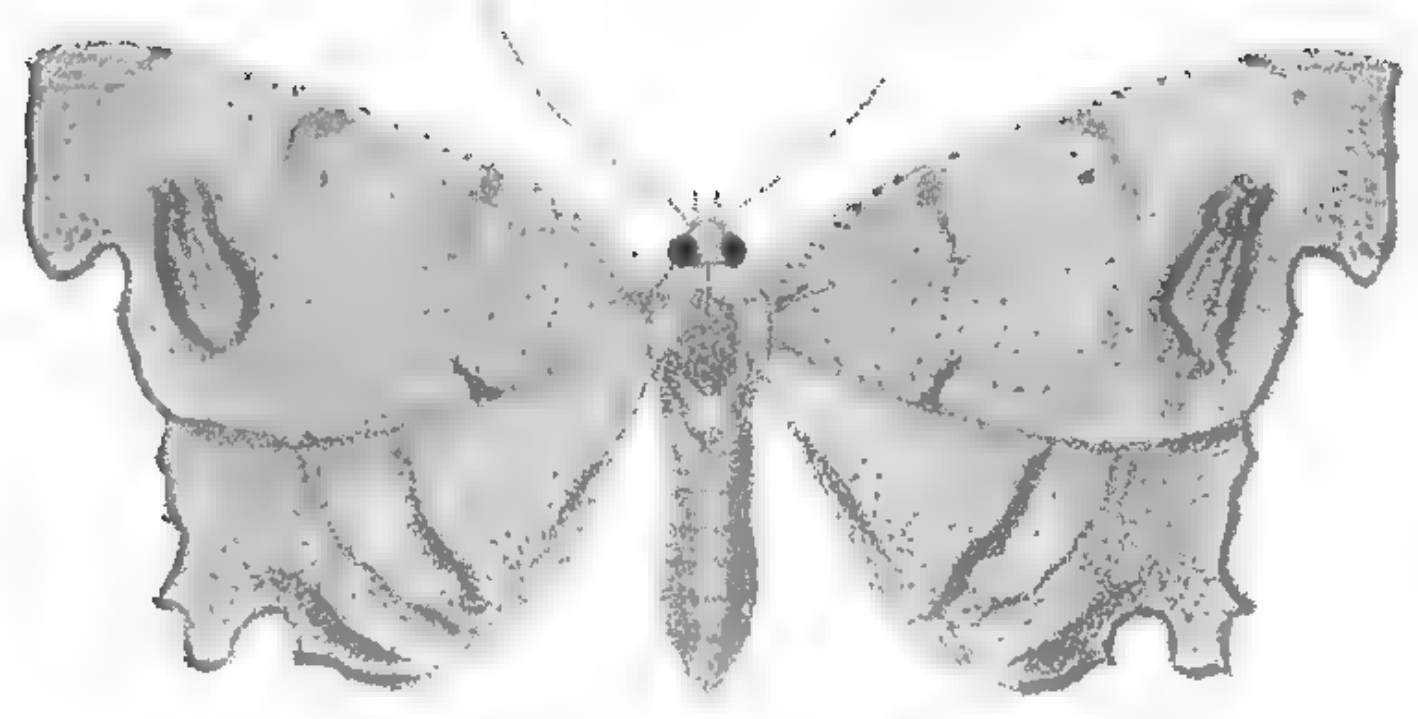
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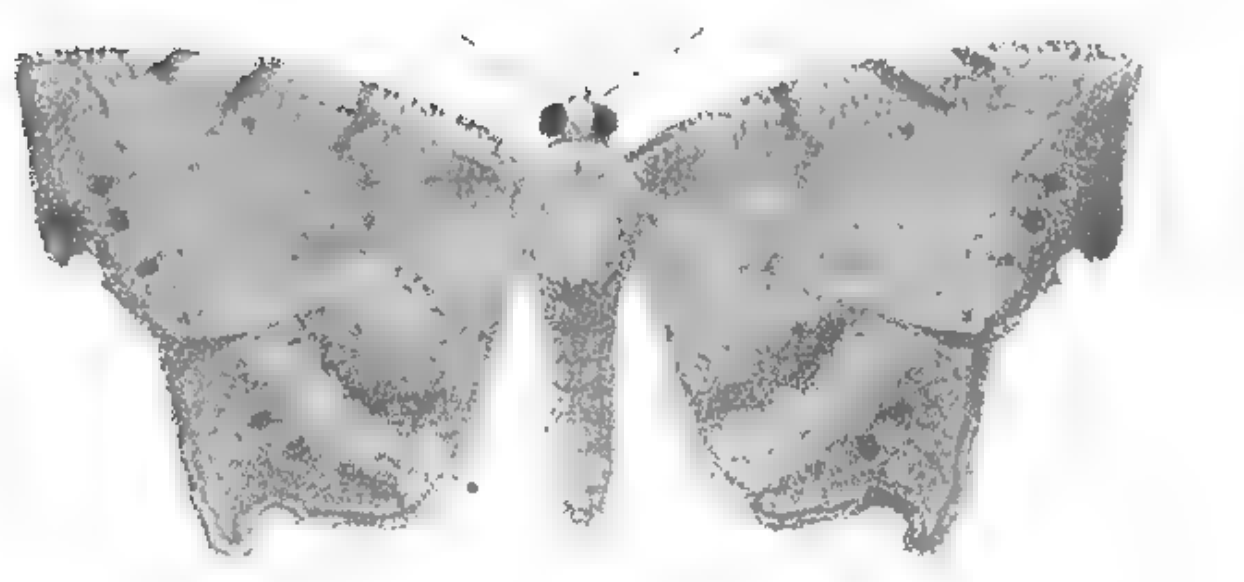
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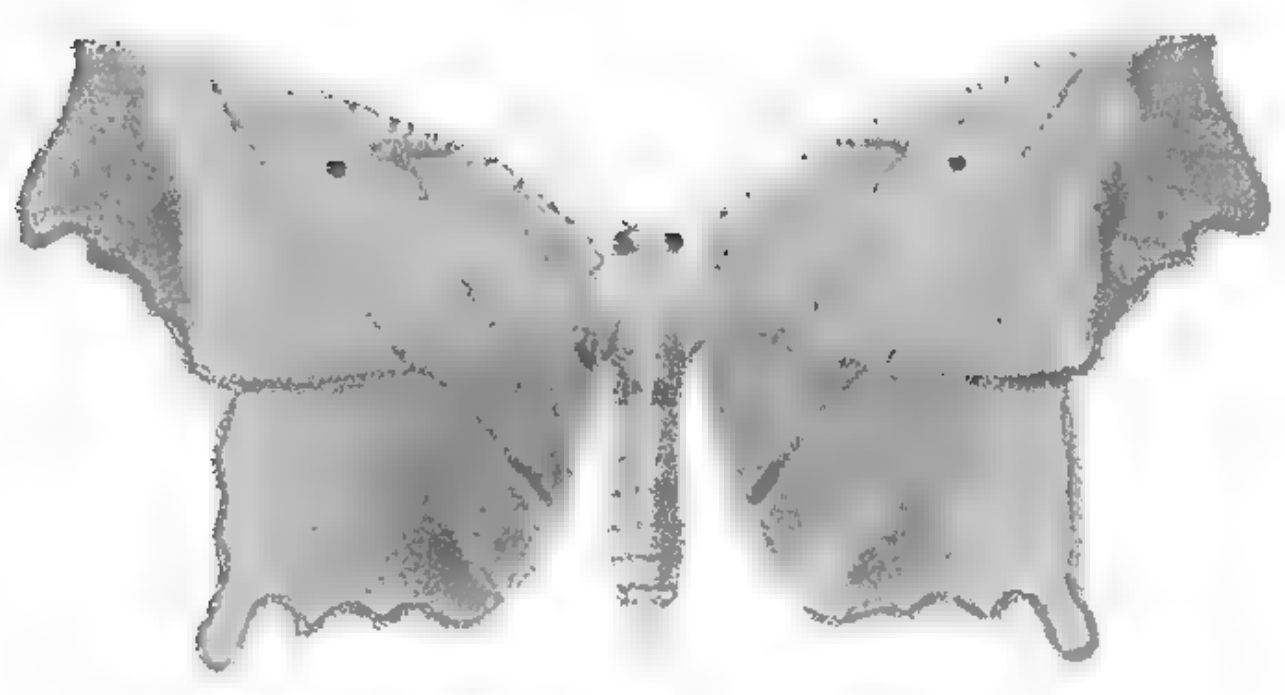
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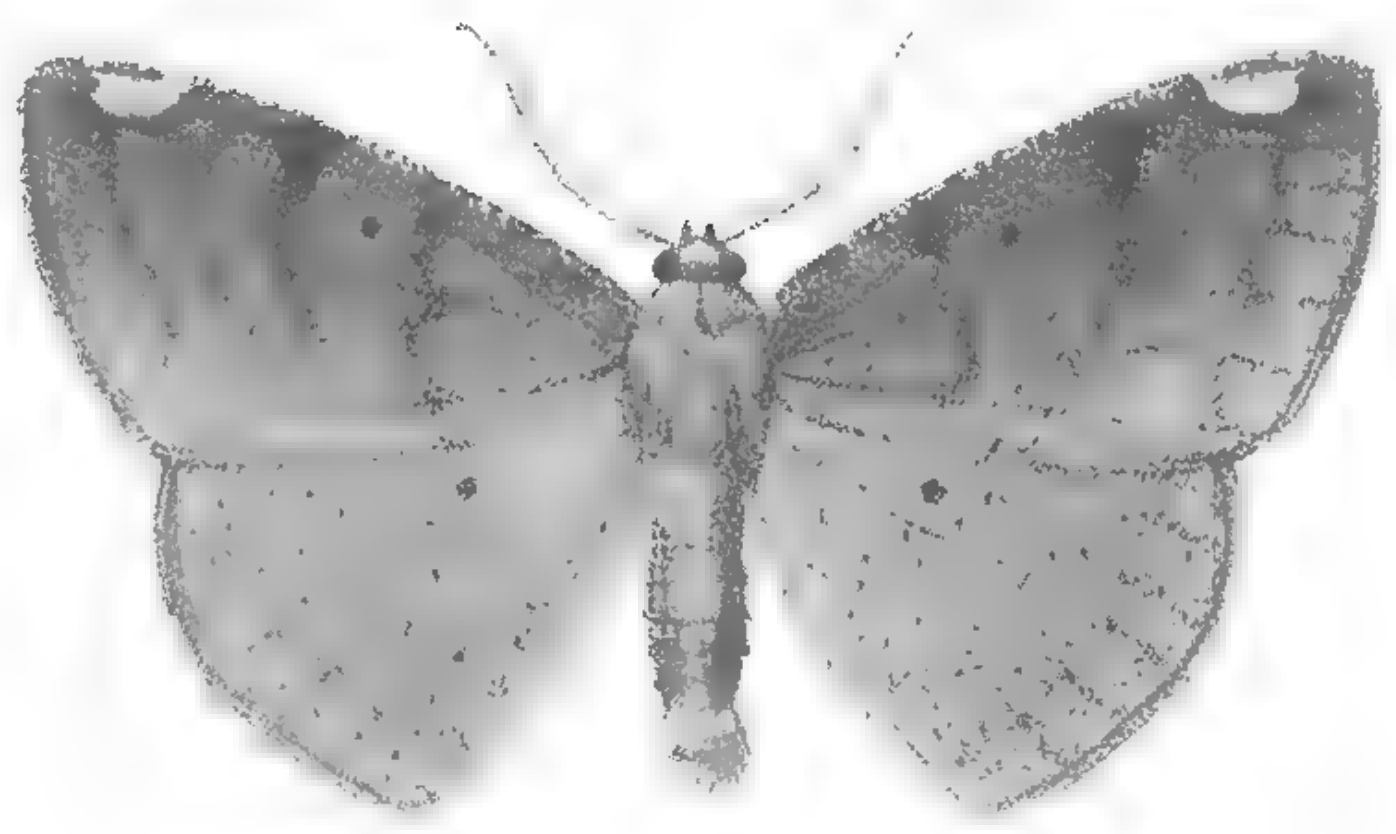
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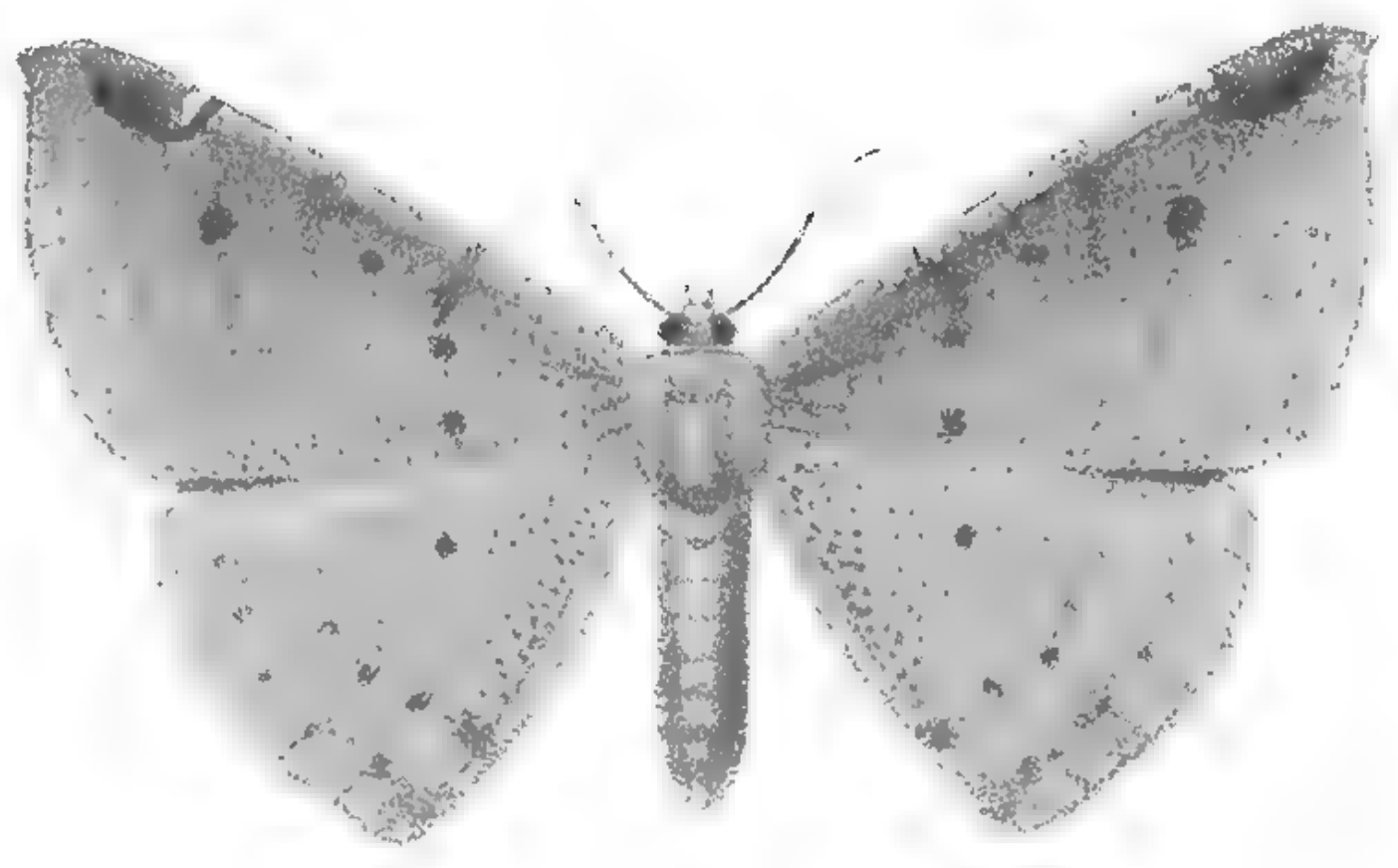
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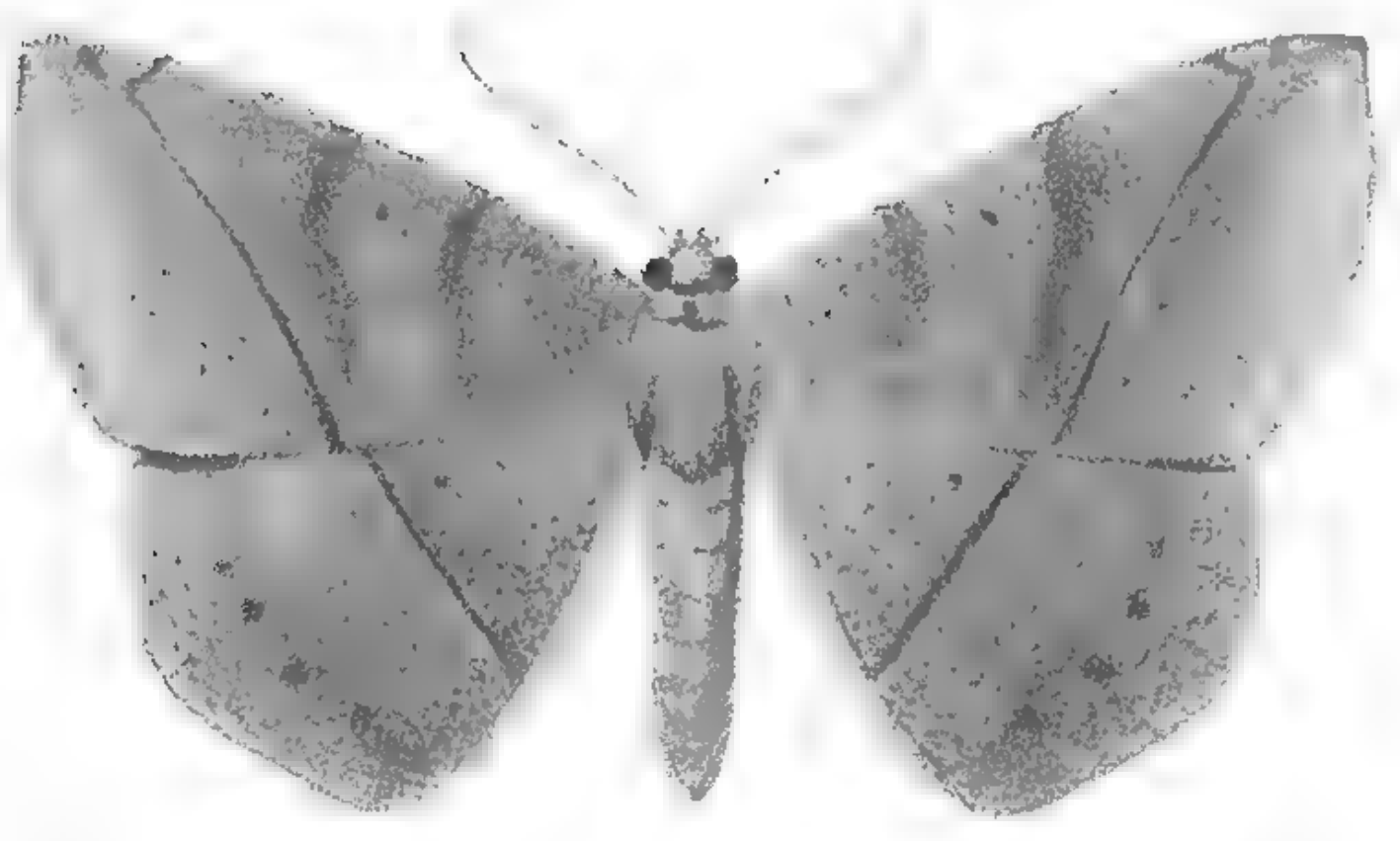
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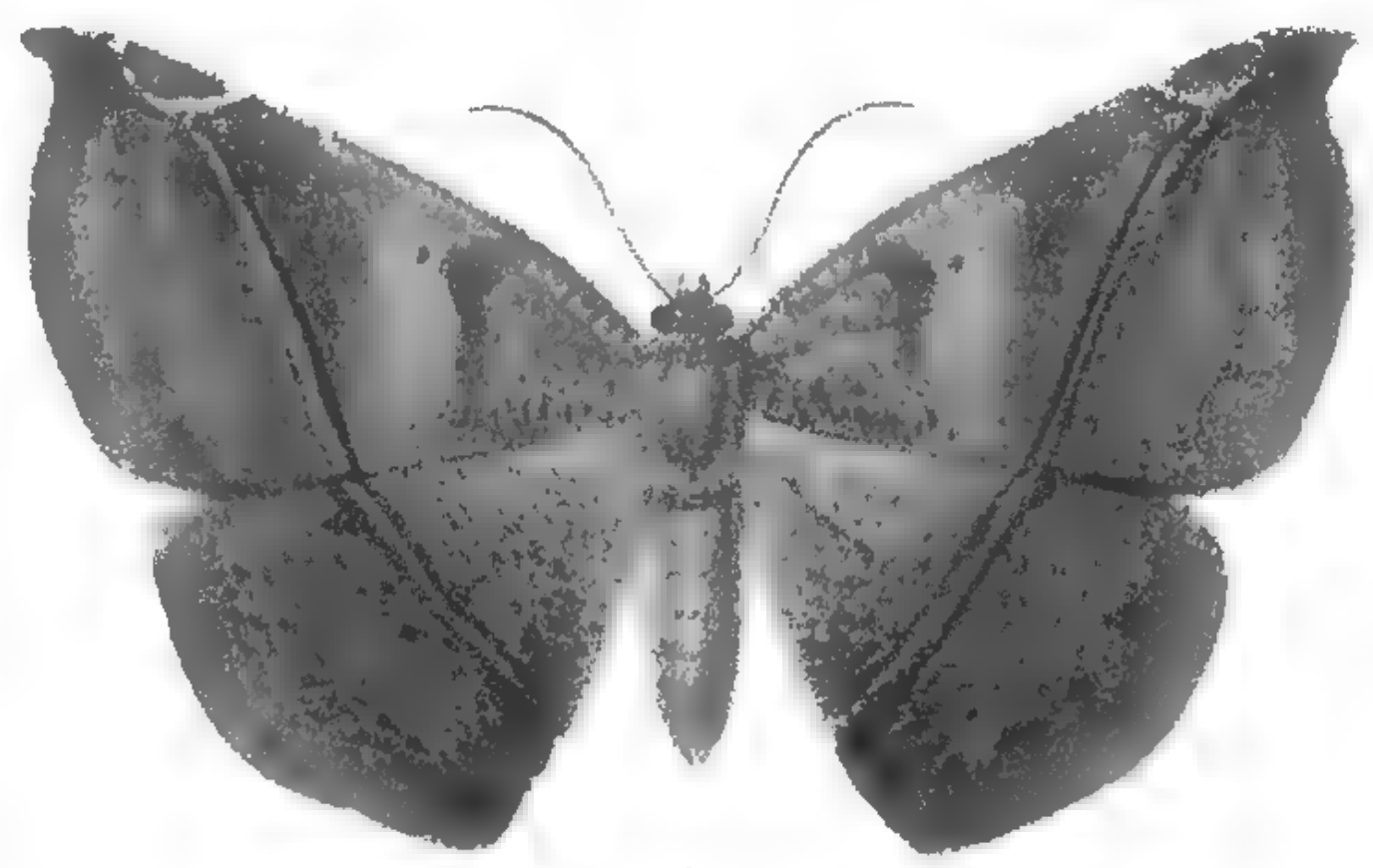
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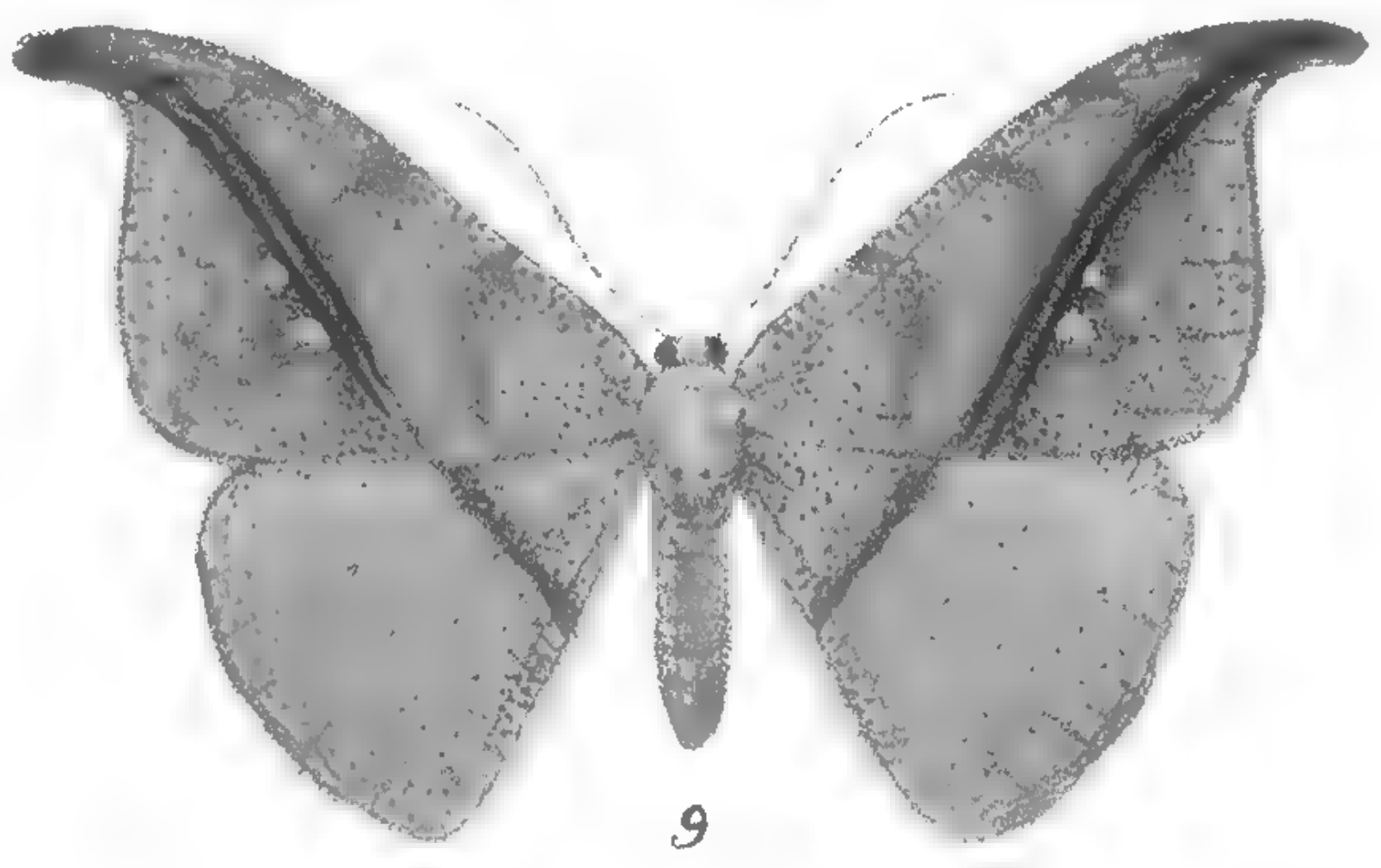
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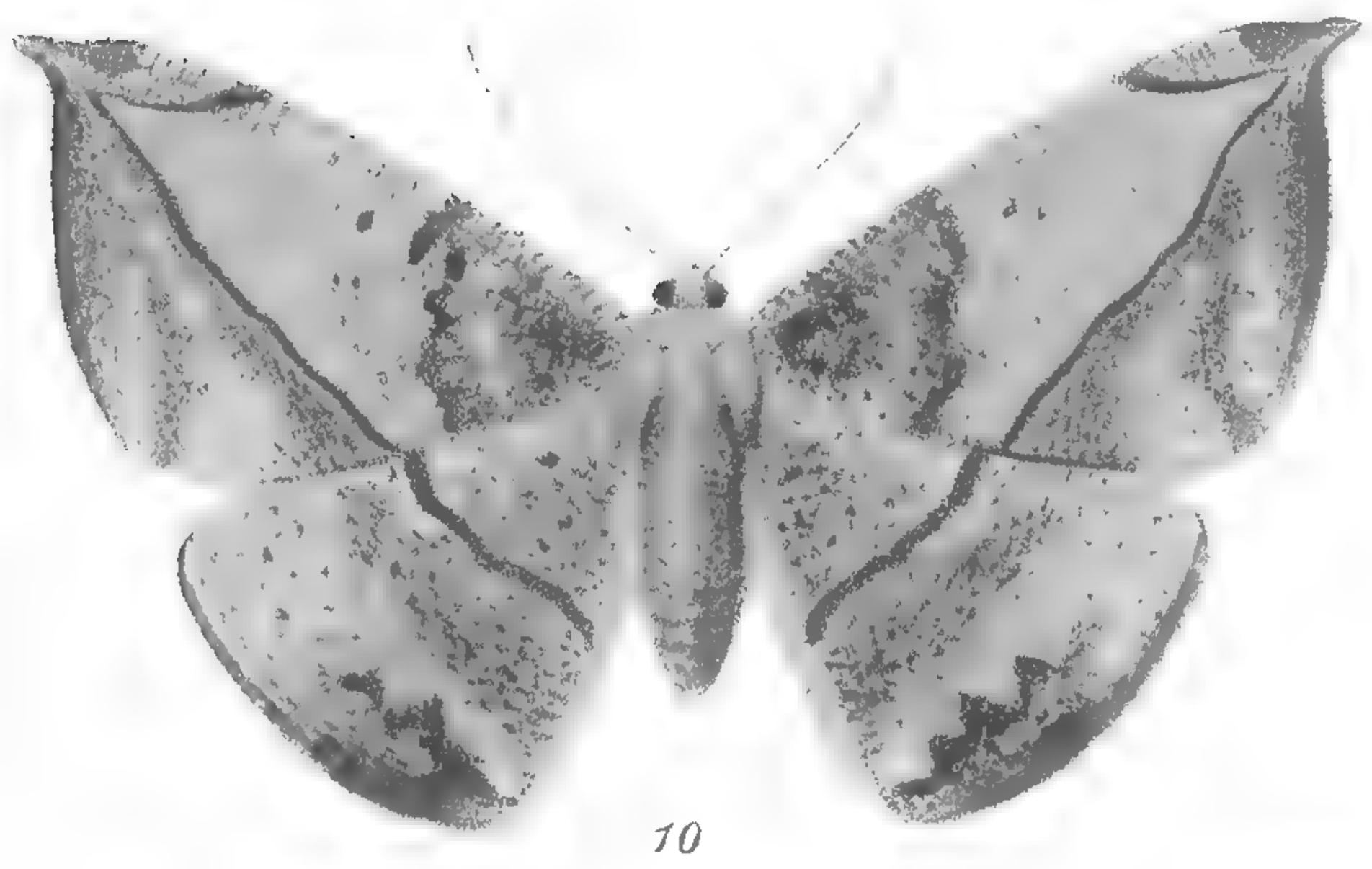
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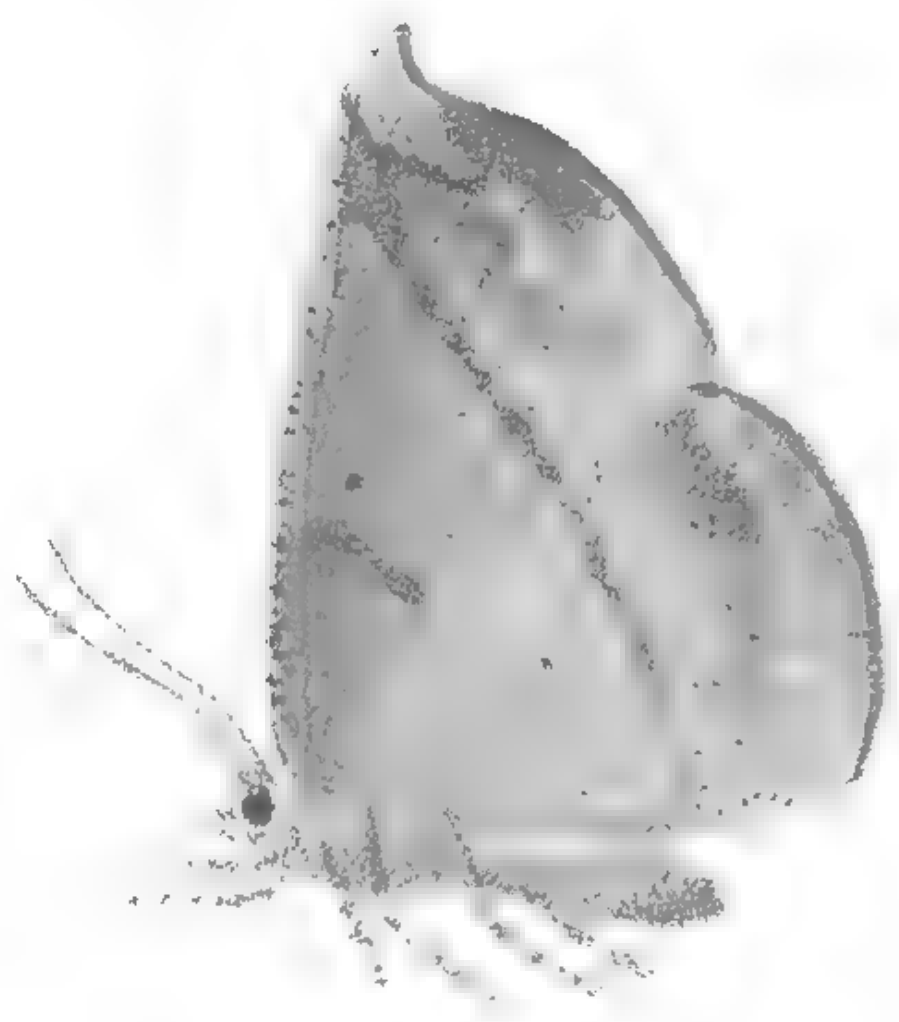
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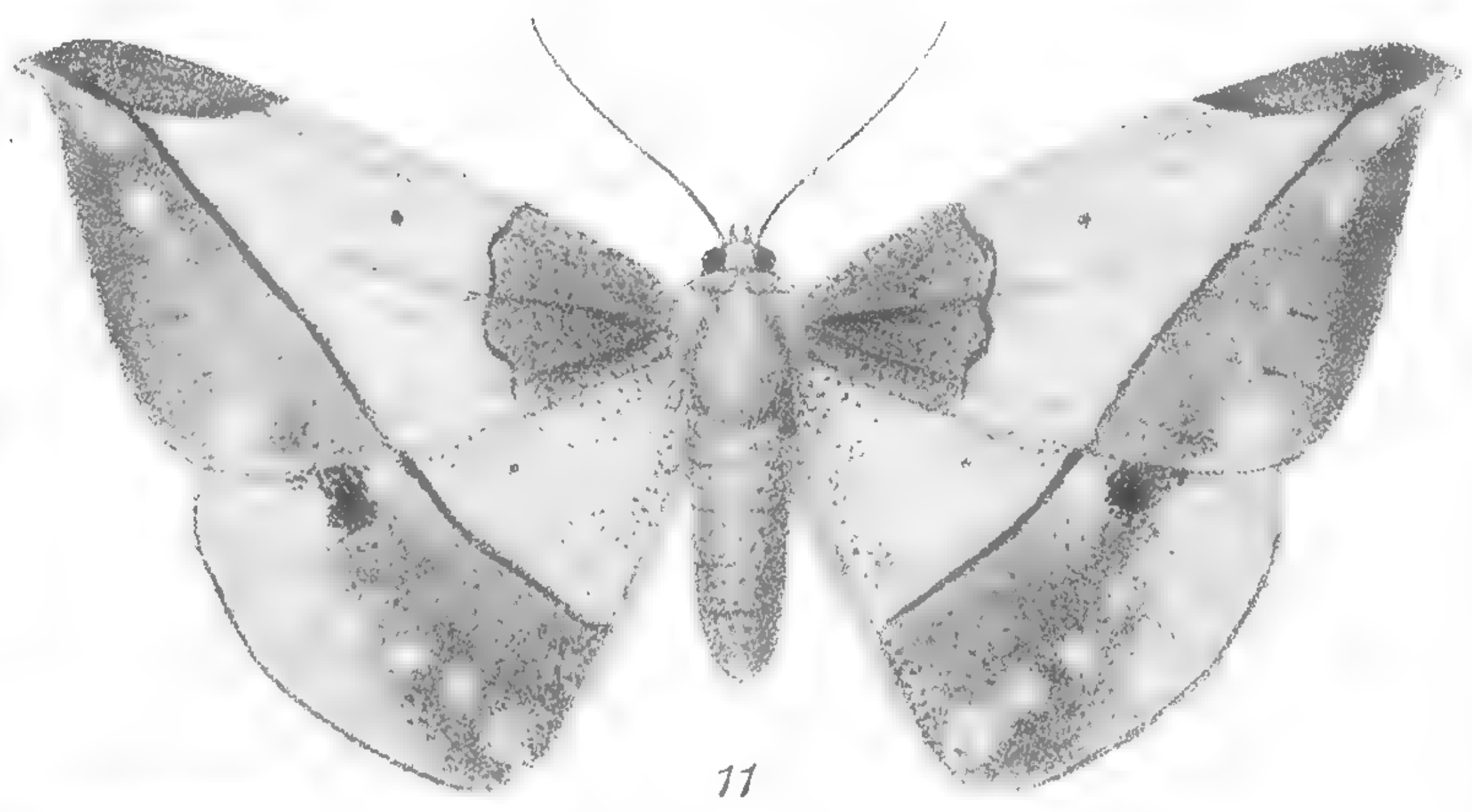
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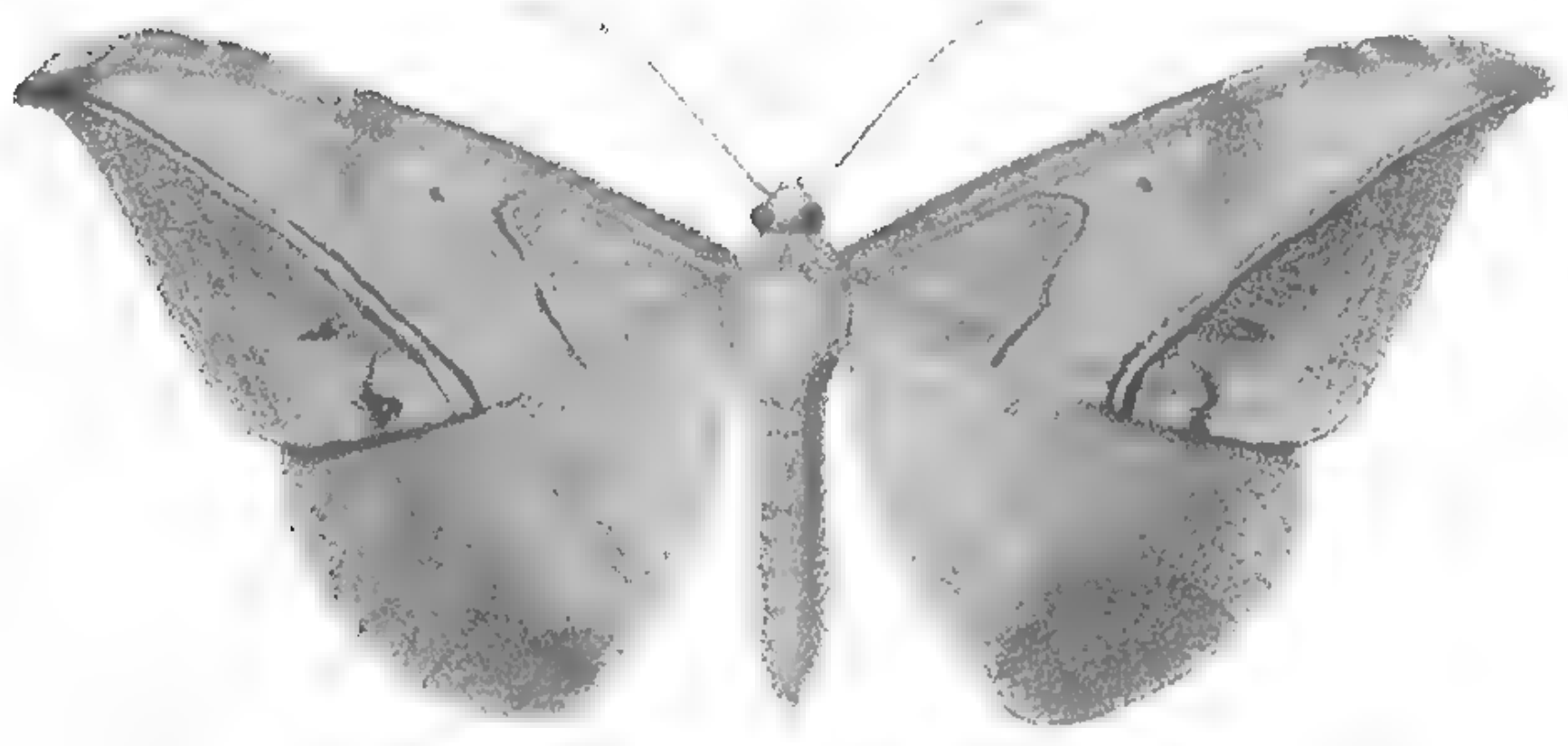
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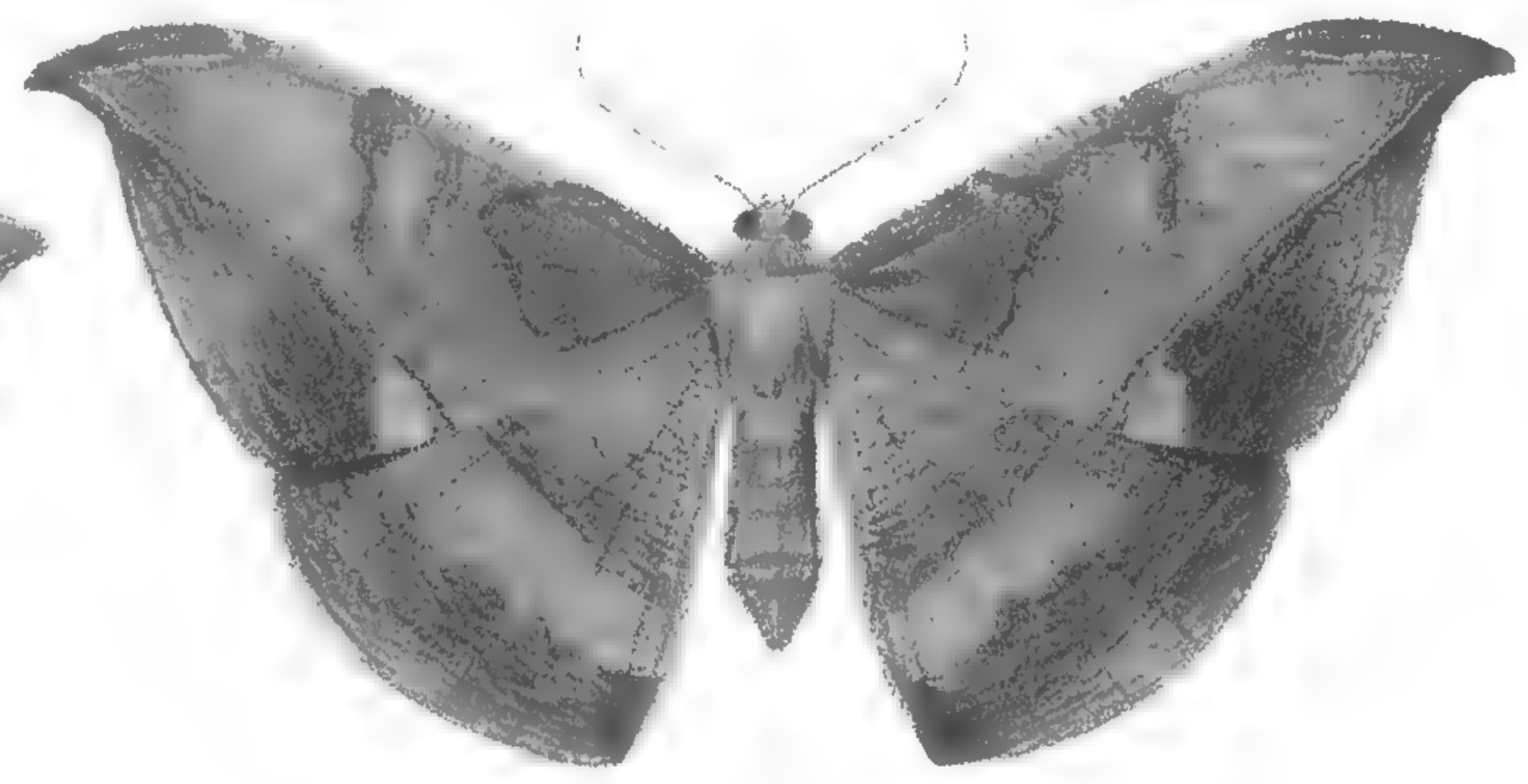
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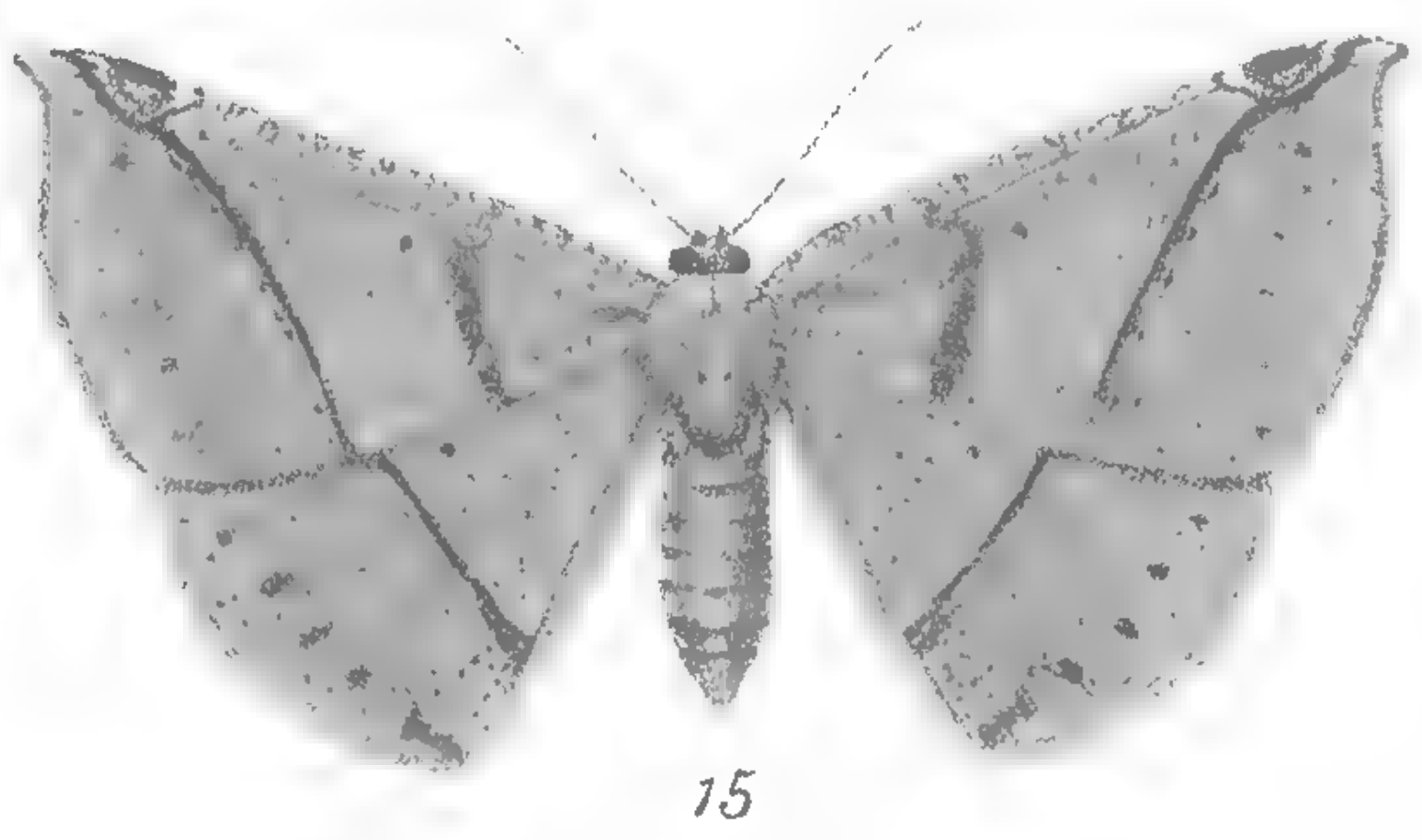
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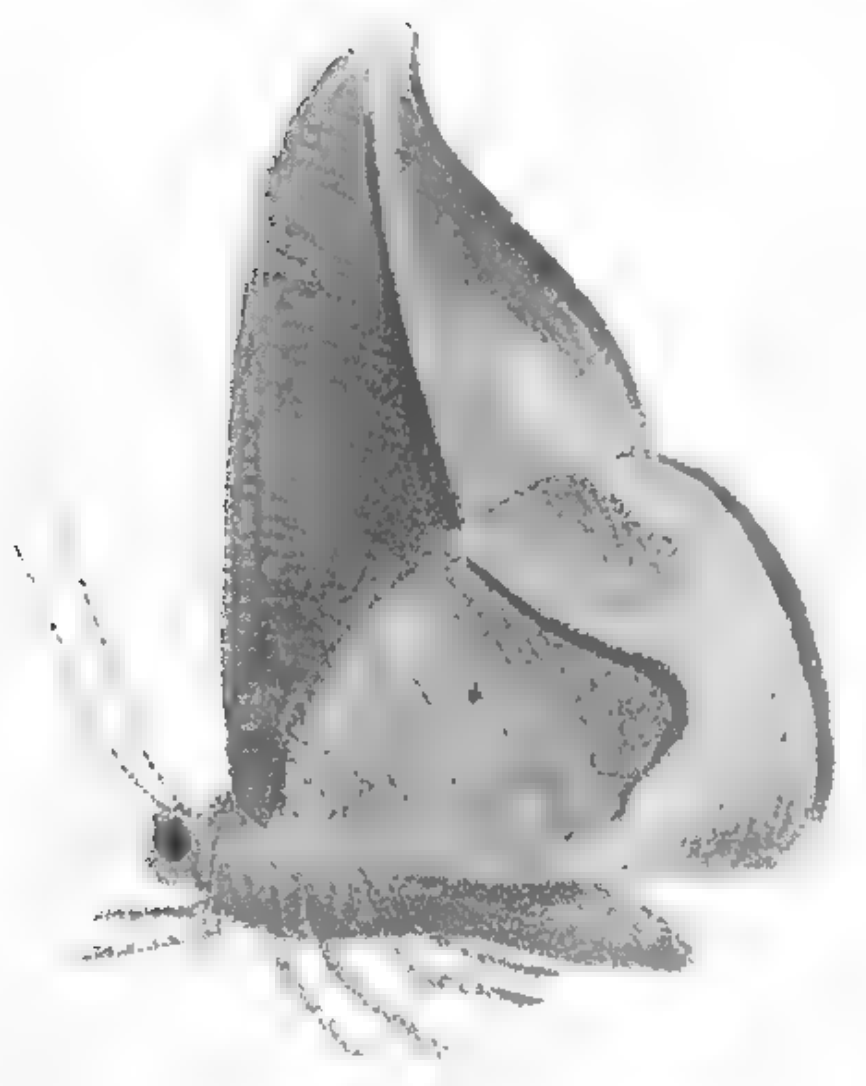
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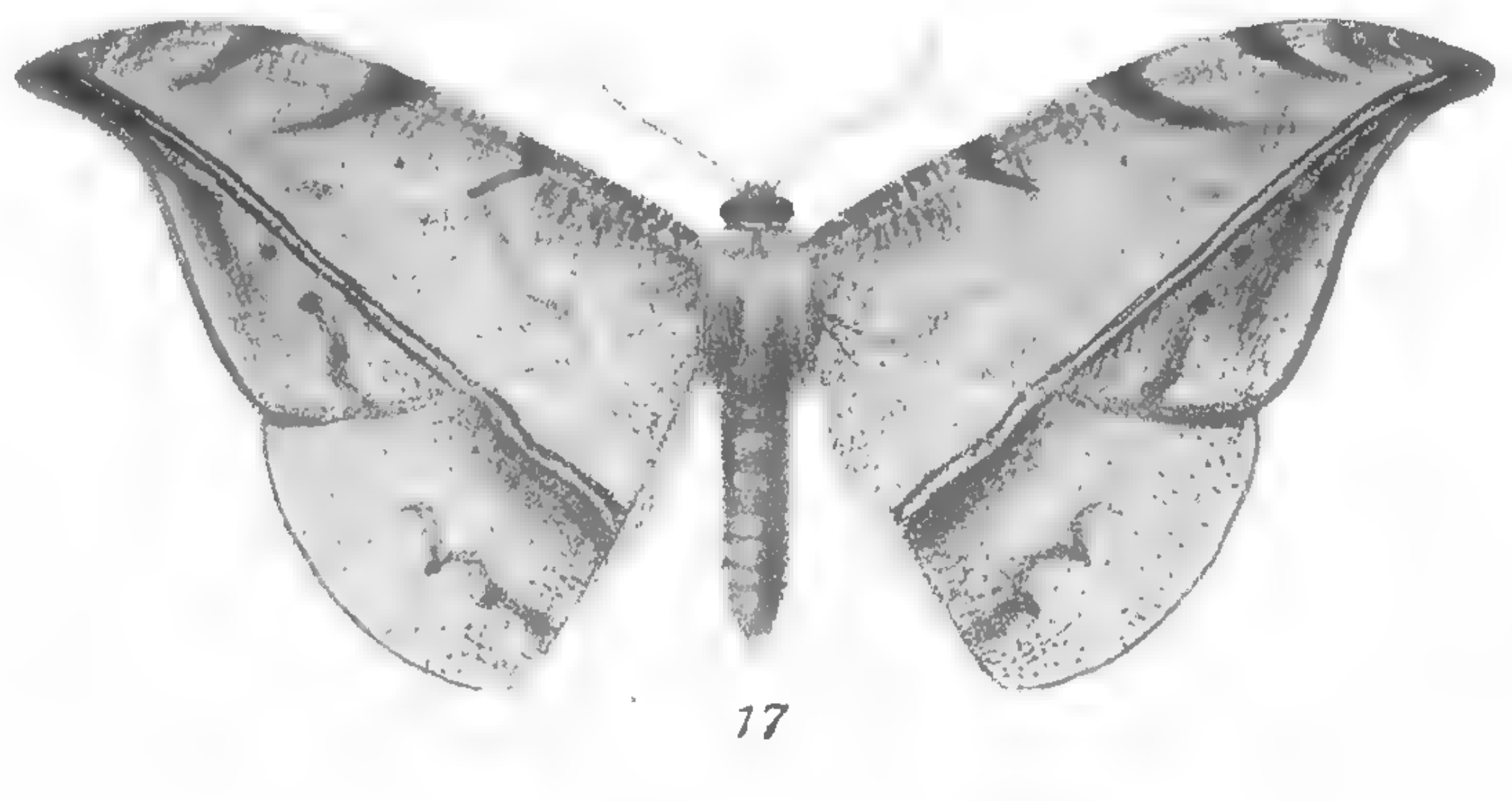
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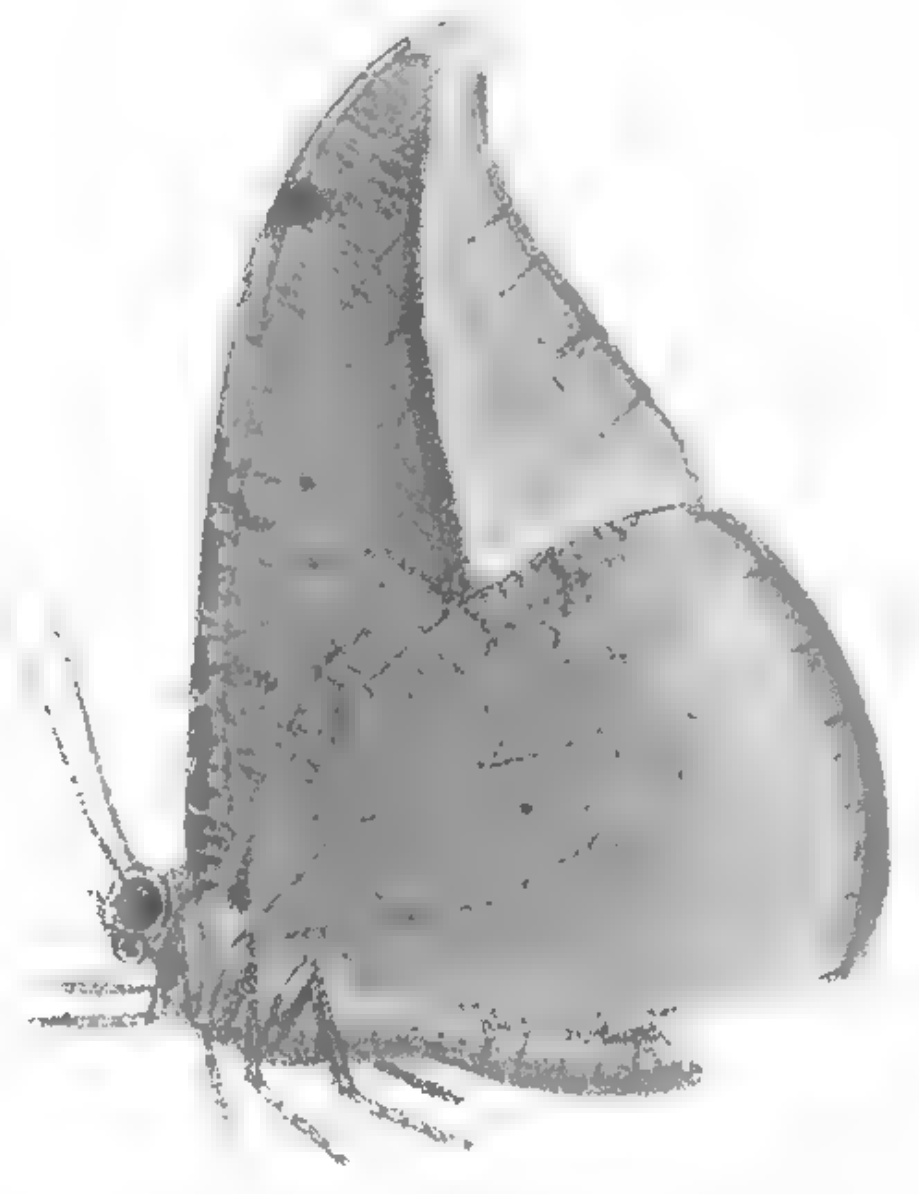
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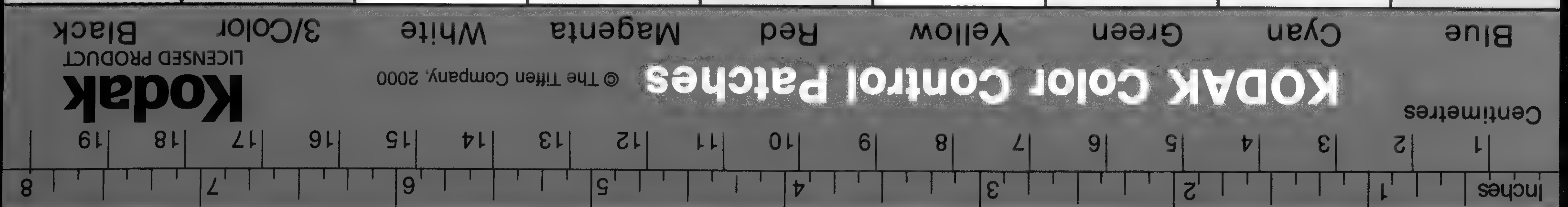
1♂, 2♀ LYCIMNA CANINATA.
3♂ " MATALIA.
4♂ " ARTENA.
5♂, 6♀ HERBITA ARTAYCTES.

7♂, 8♀ HERBITA MEDAMA.
9♀ OXYDIA MASTHALA.
10♀ " GASTROPACHATA, *var.*

11♀ OXYDIA AROMATA.
12, 13♂, 14♀ " ARTAXA.
15, 16♀ " MEDONA.
17, 18♂ " AUGUSTA.

W. Purkiss lith. Hanhart imp. 583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Yellow
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KODAK Color Control Patches
© The Tiffen Company, 2000
Kodak
LICENSED PRODUCT
Centimetres
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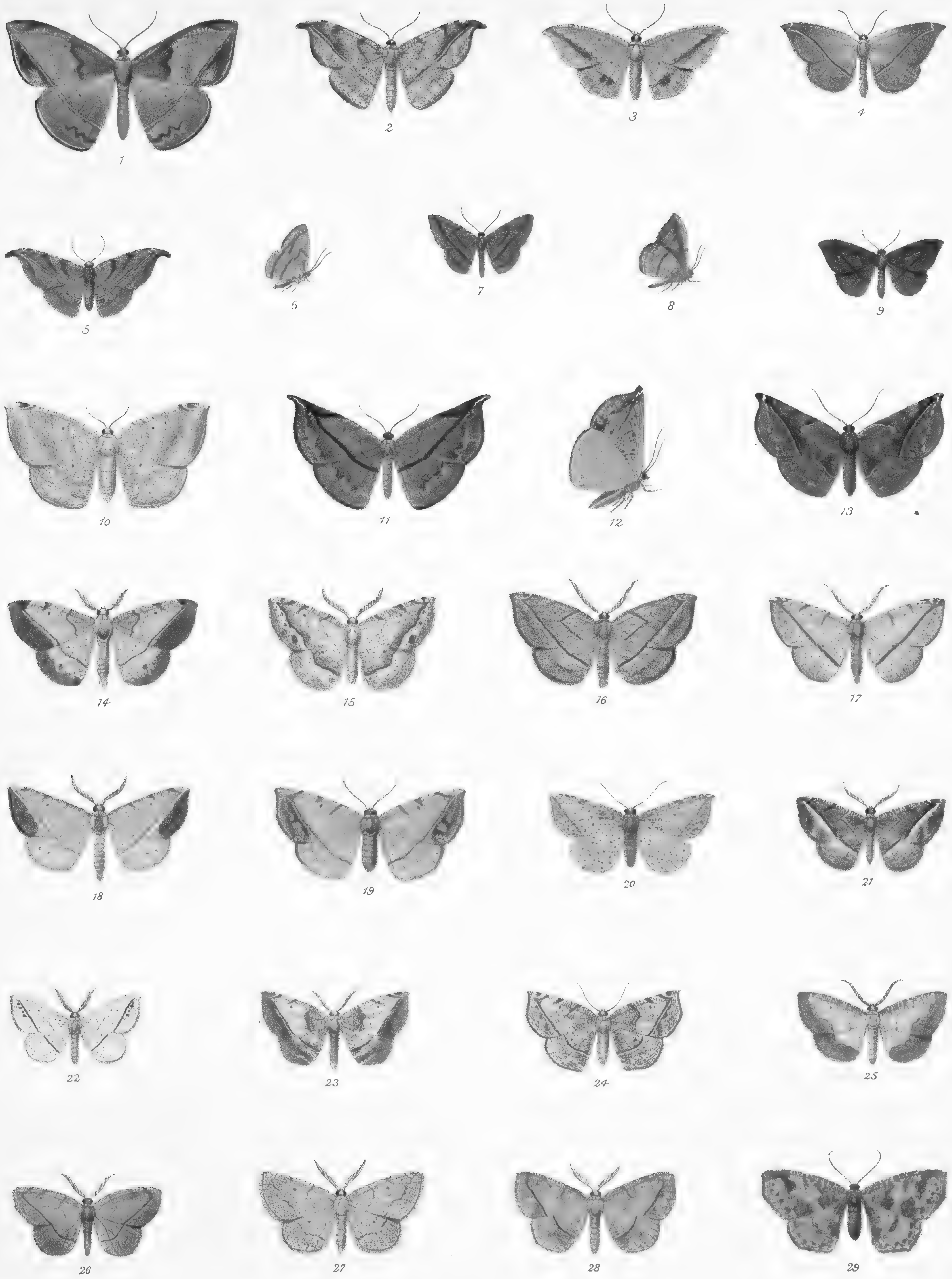
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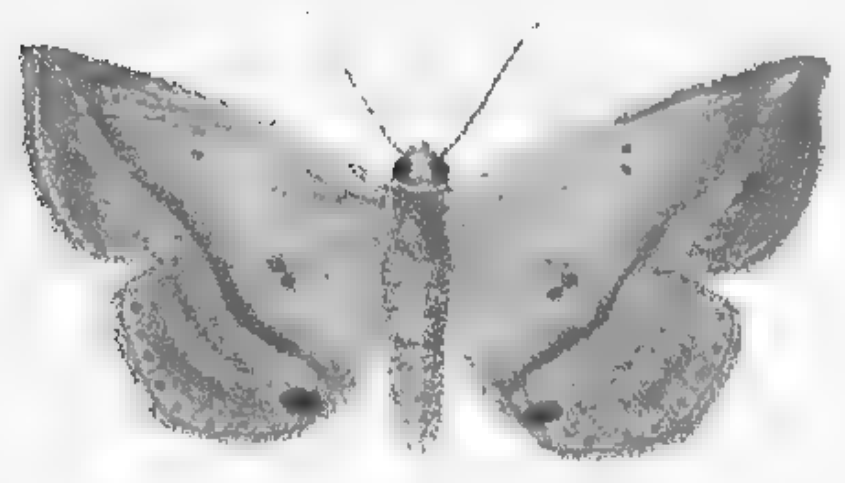
1♂ HERBITA (?) NEDUSIA.
2♀ DREPANODES MONETA.
3 „ ASTANDA.
4♂ „ ASINA.
5♀ „ (?) MELINA.
6,7♂ PYRINIA ARXATA.
8,9♂ „ MEGARA.
10♀ CRATOPTERA ARVINA.
W. Purkiss lith.

11 CRATOPTERA MENA.
12,13 „ ATINA.
14♂ GYNOPTERYX ASOPIA.
15♂ „ MYNES.
16♂ „ MEGASA.
17♂ „ MINOA.
18♂,19♀ „ ASTERIA.

20♀ APICIA MEDUSA.
21♂ „ ATILLA.
22♂ „ MESADA.
23♂,24♀ „ MELENDA.
25♂ „ AURANA.
26♂ „ MICCA.
27♂ „ ATIA.
28♂,29♀ „ MERA.
Hanhart imp.
590.

Blue Cyan Green Yellow Red Magenta White 3/Color Black
KODAK Color Control Patches © The Tiffen Company, 2000 Kodak LICENSED PRODUCT
Centimetres
Inches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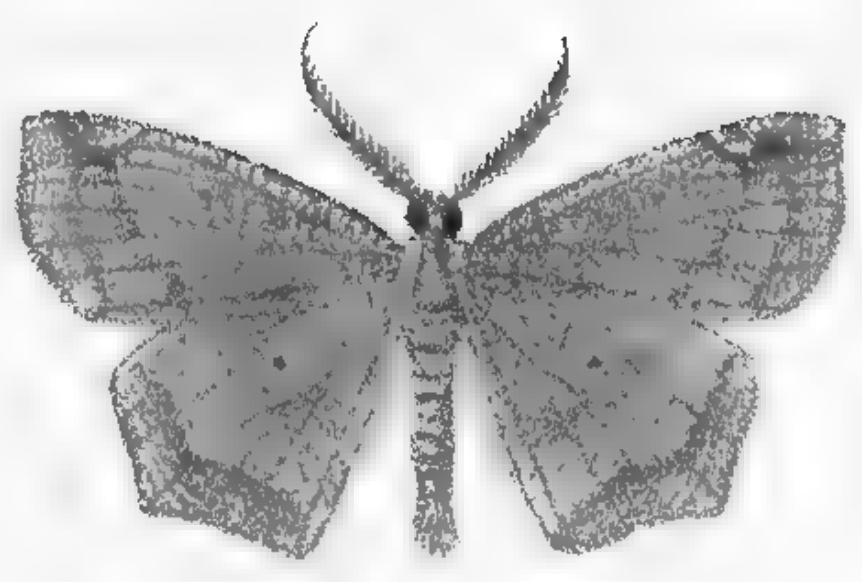
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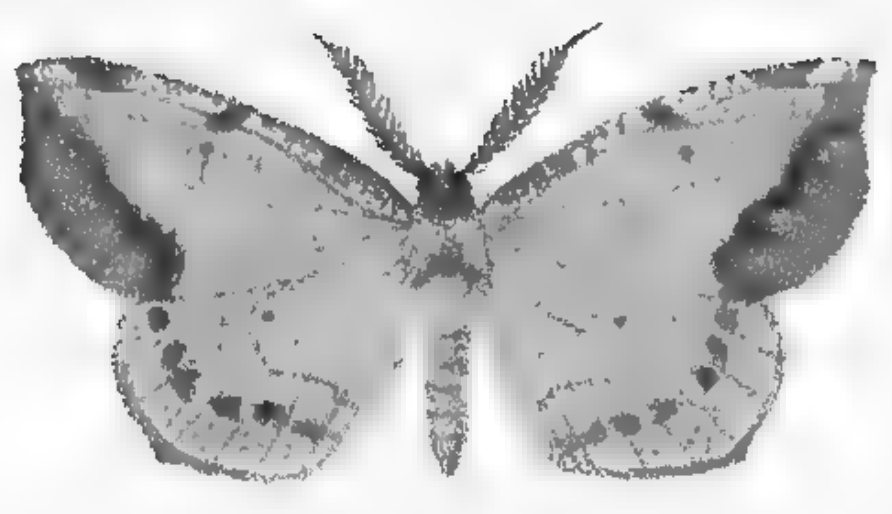
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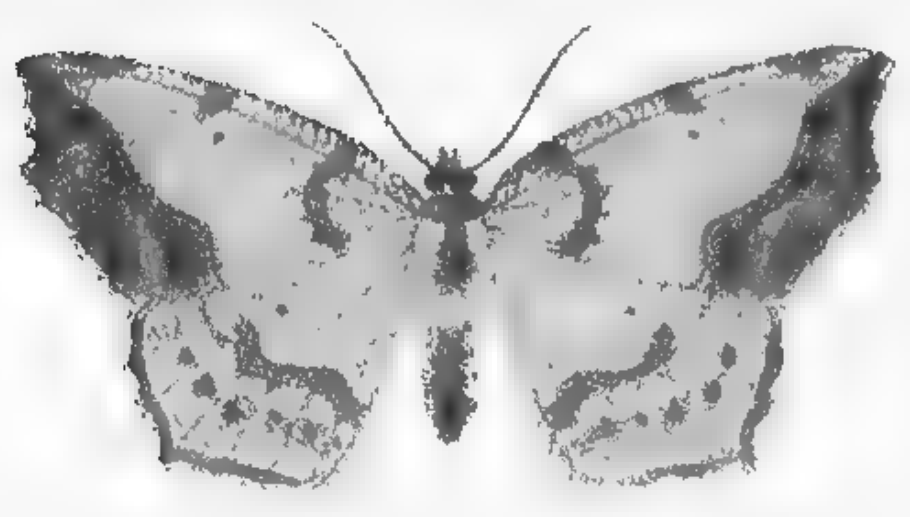
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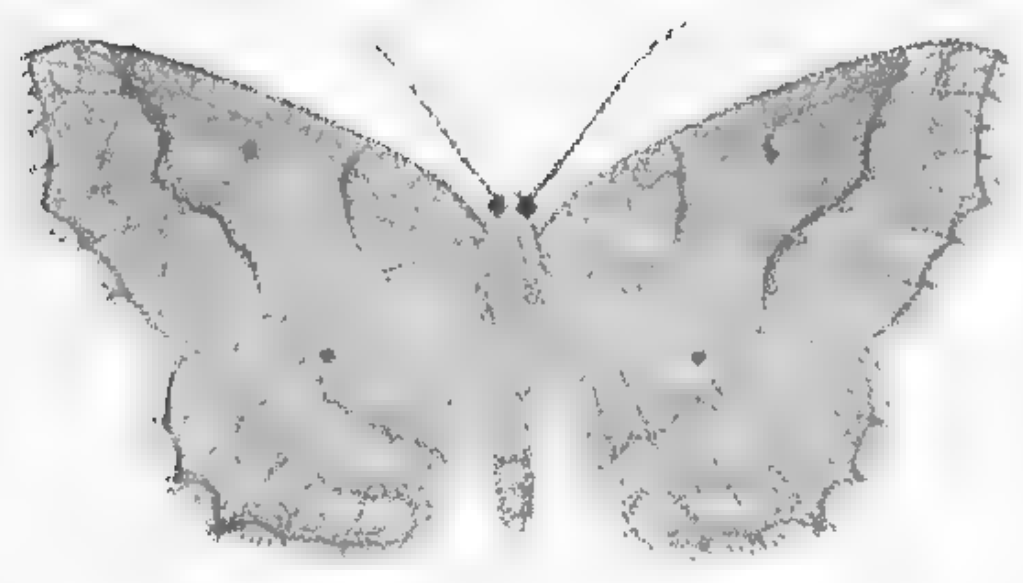
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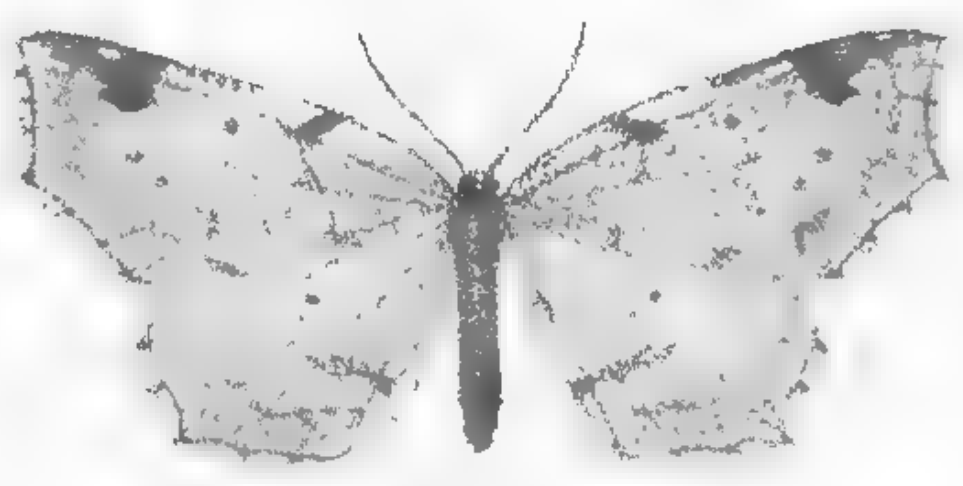
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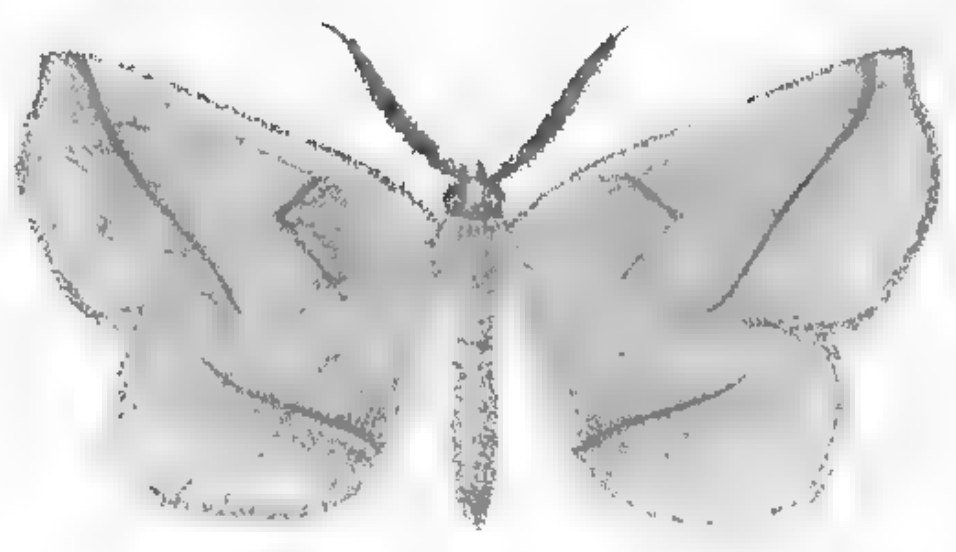
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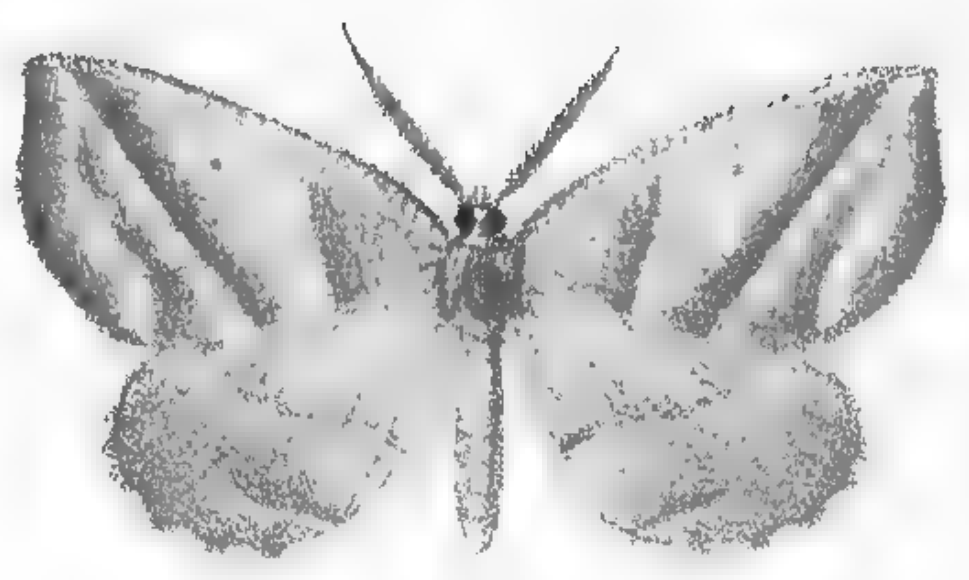
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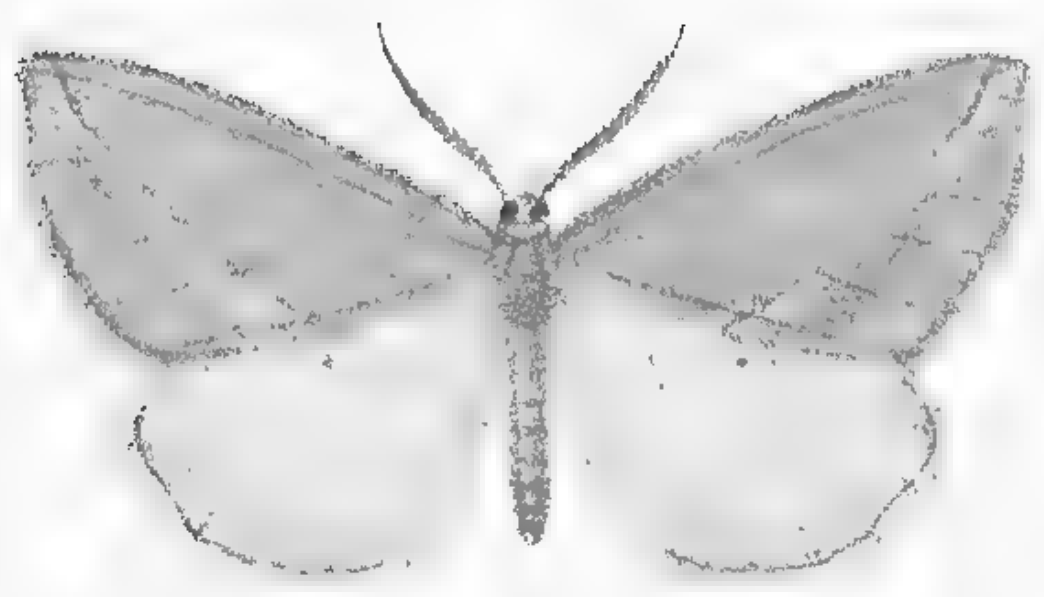
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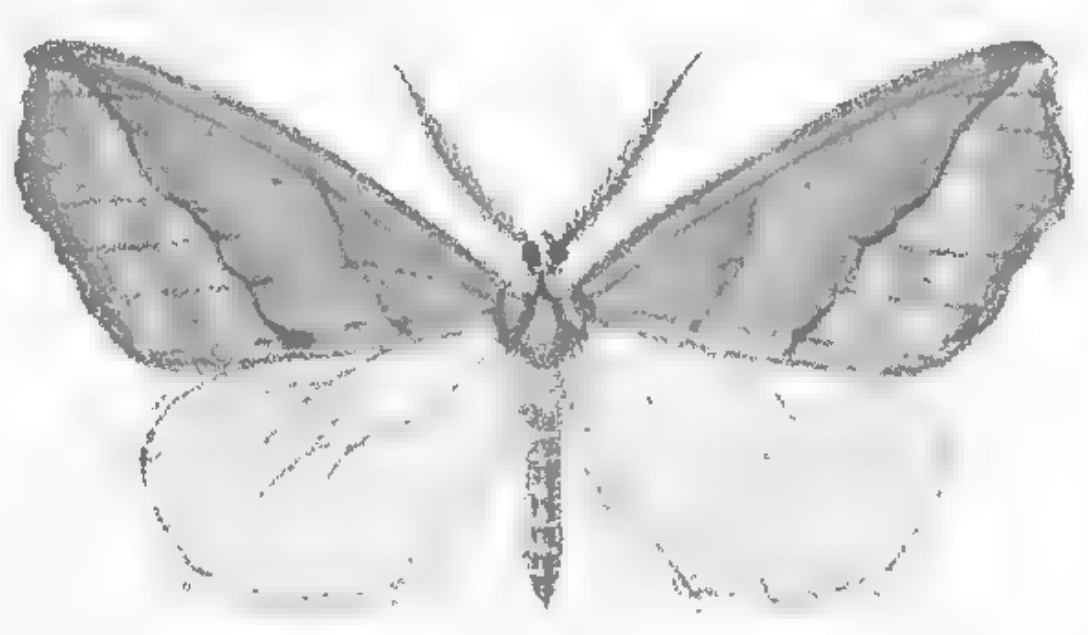
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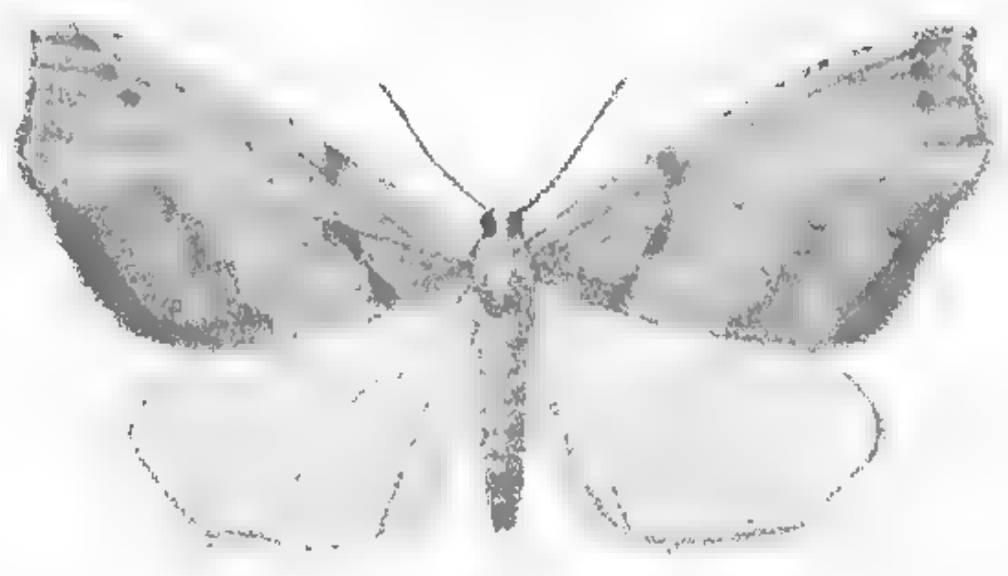
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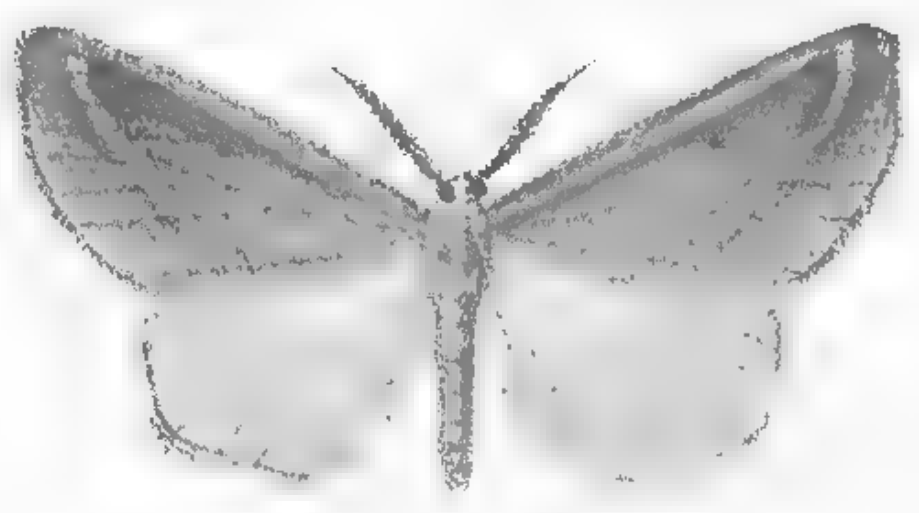
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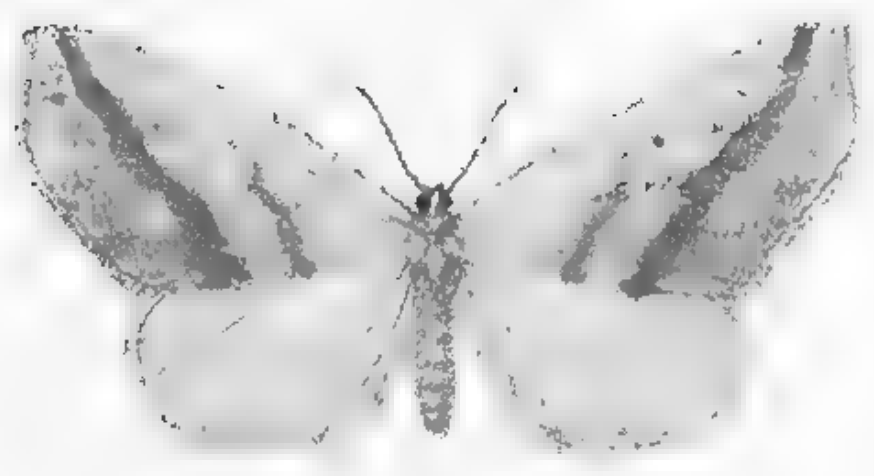
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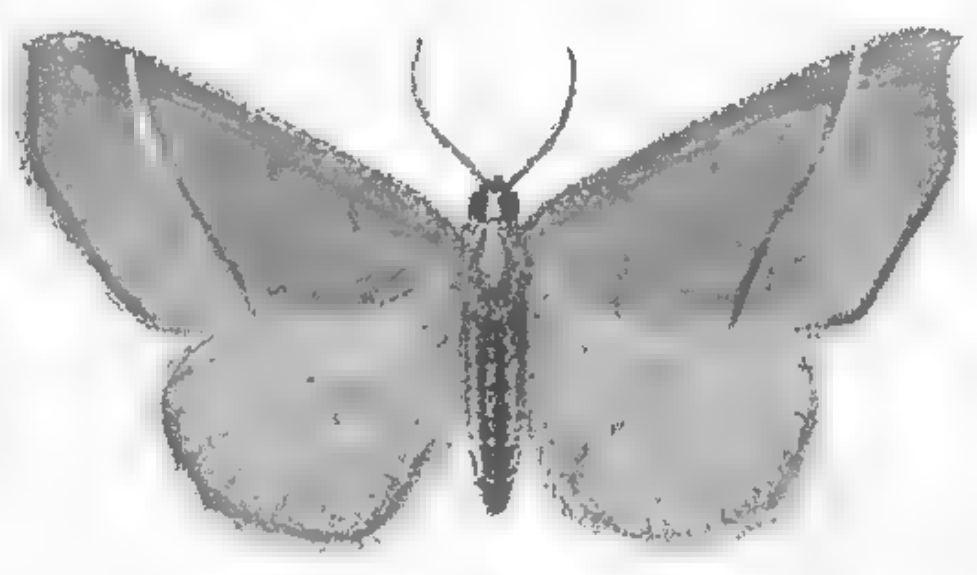
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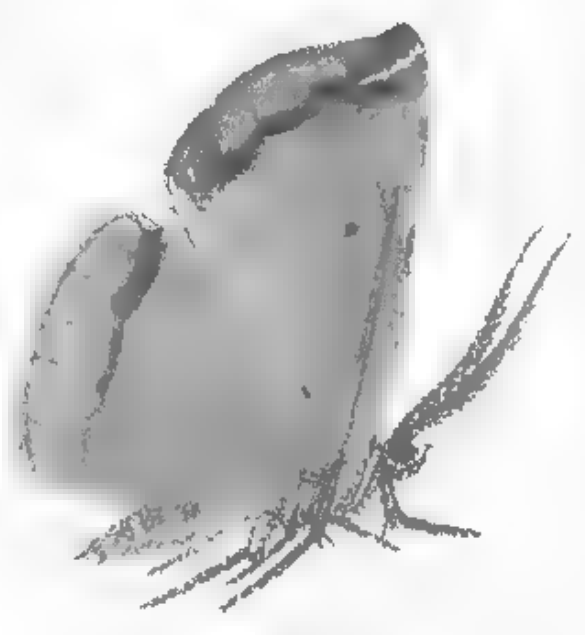
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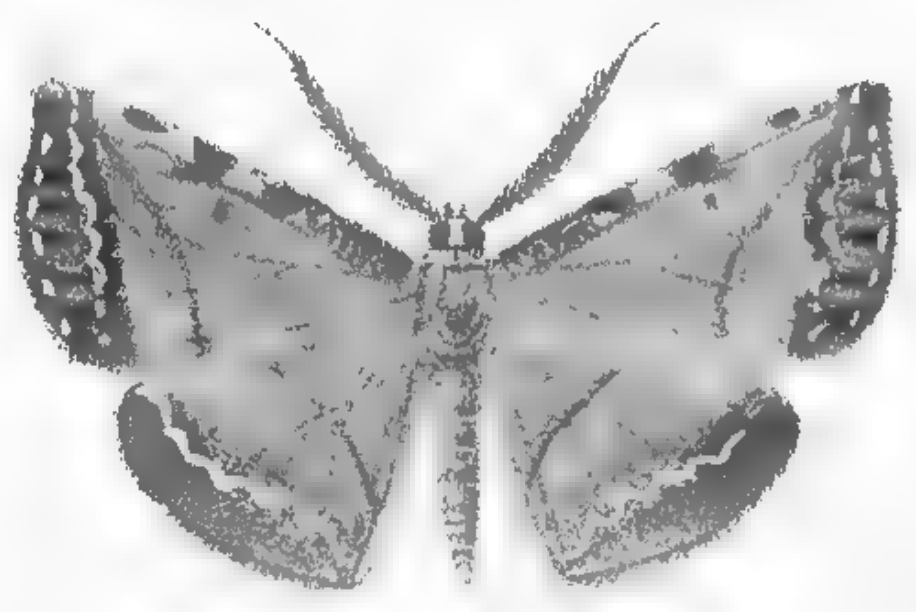
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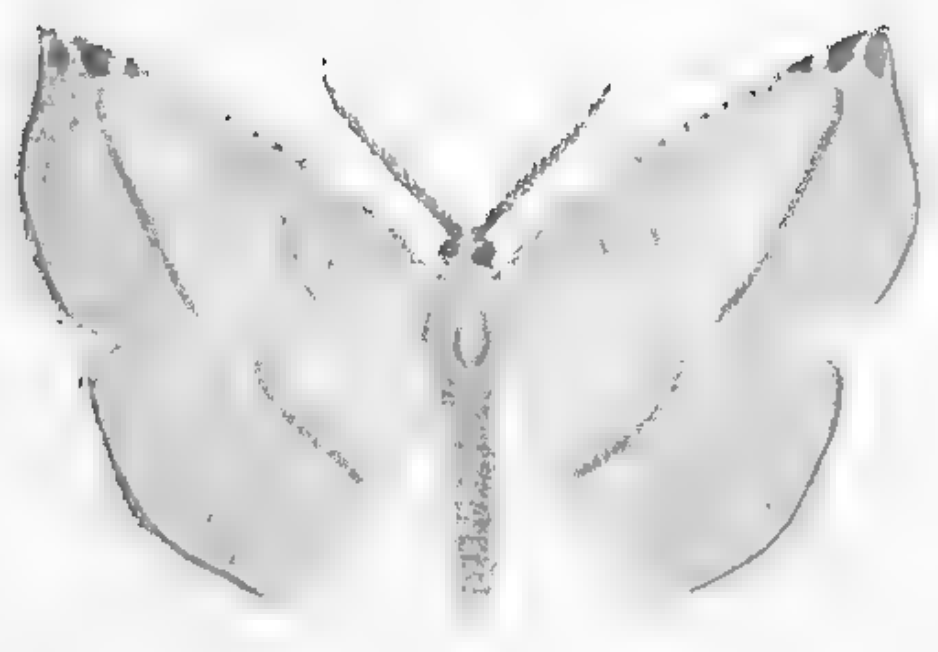
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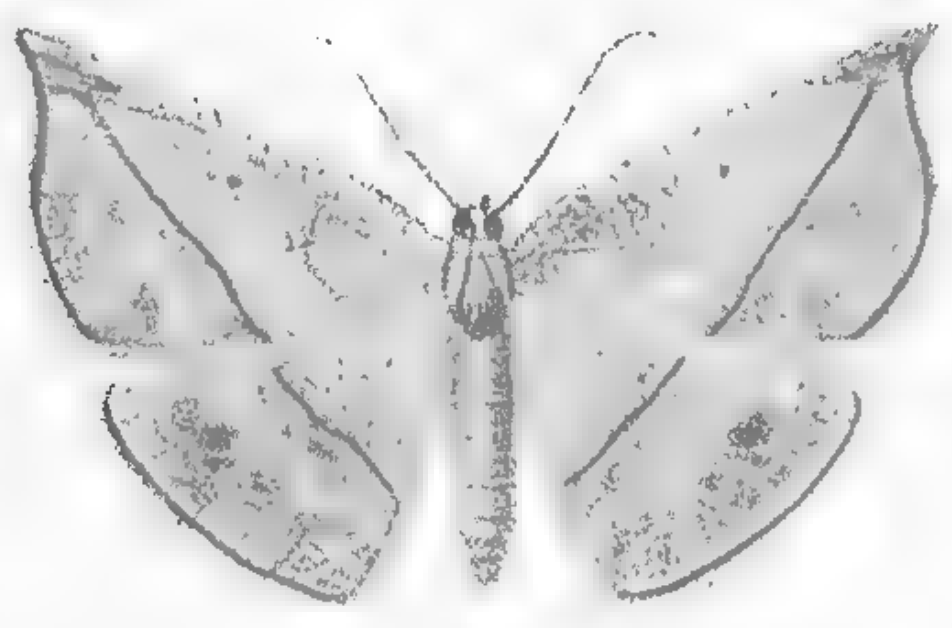
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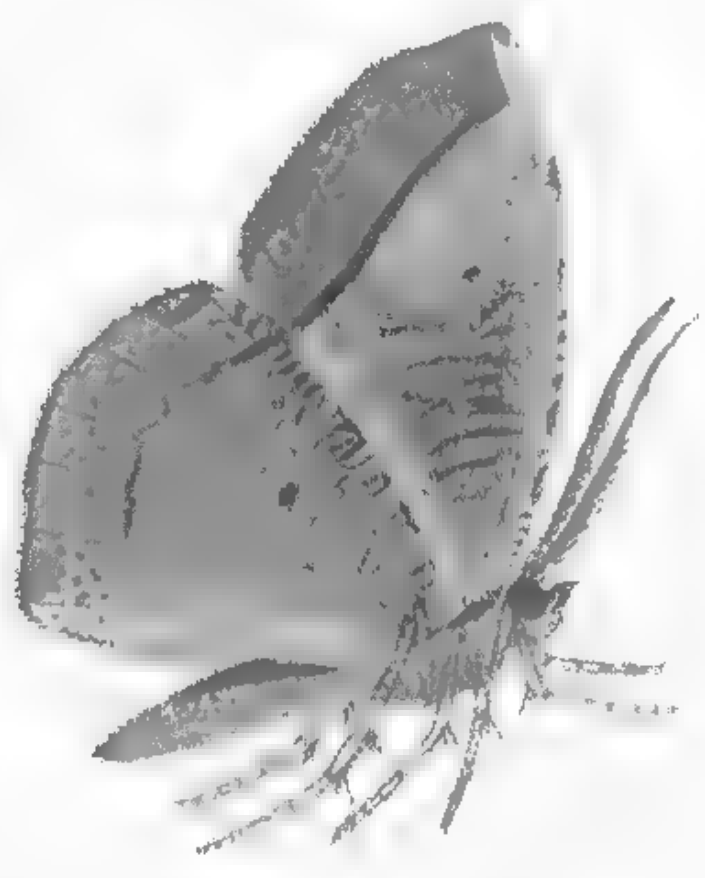
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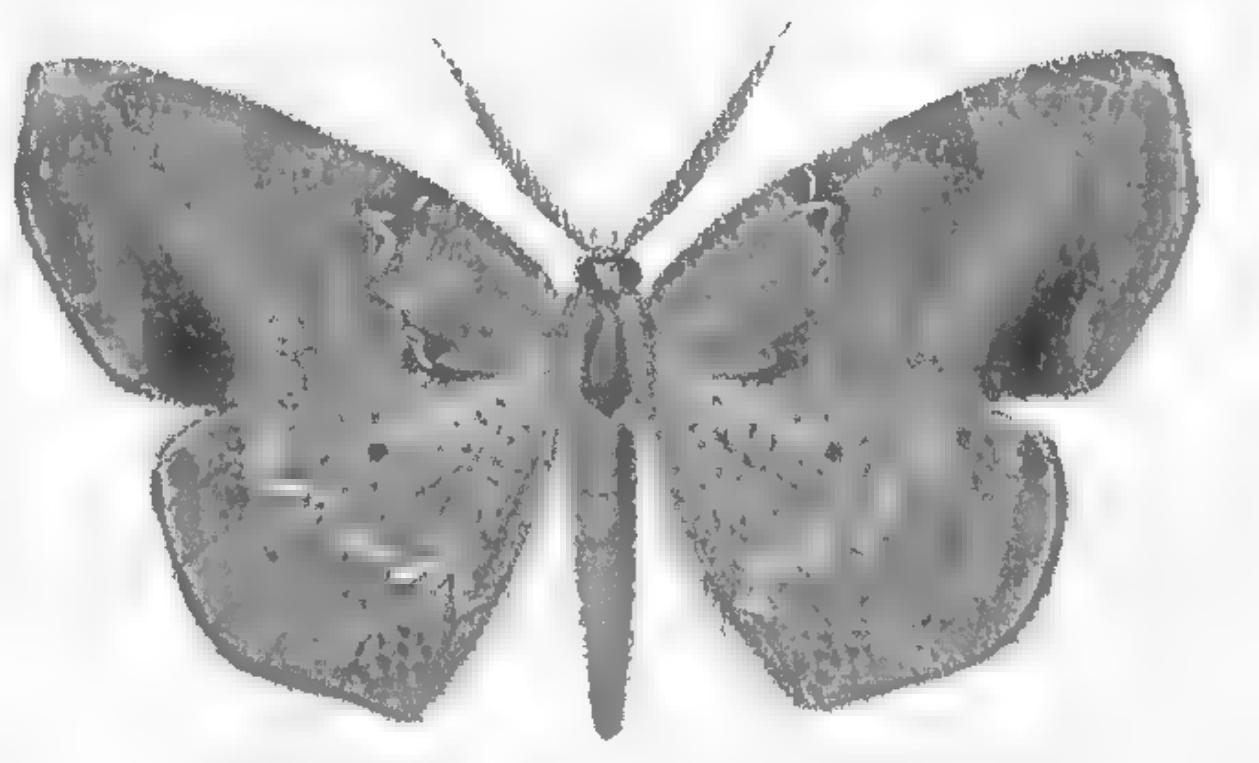
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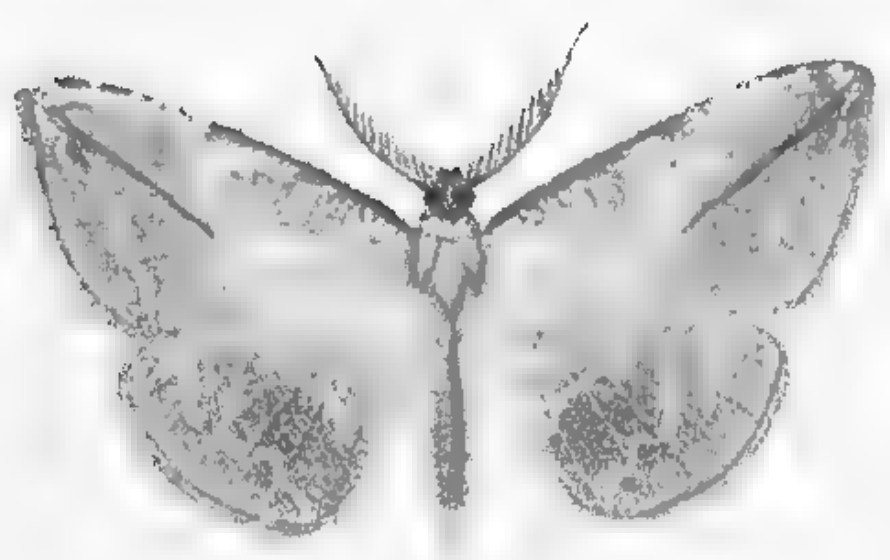
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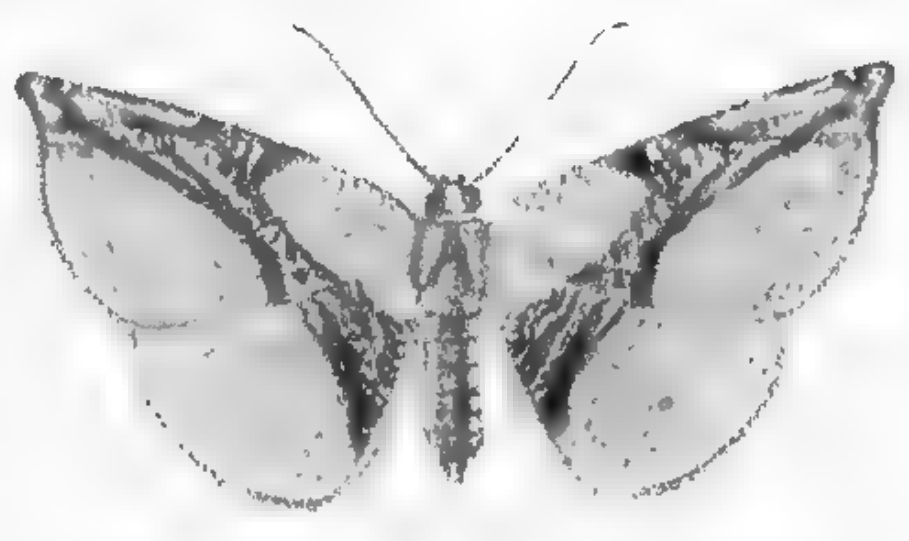
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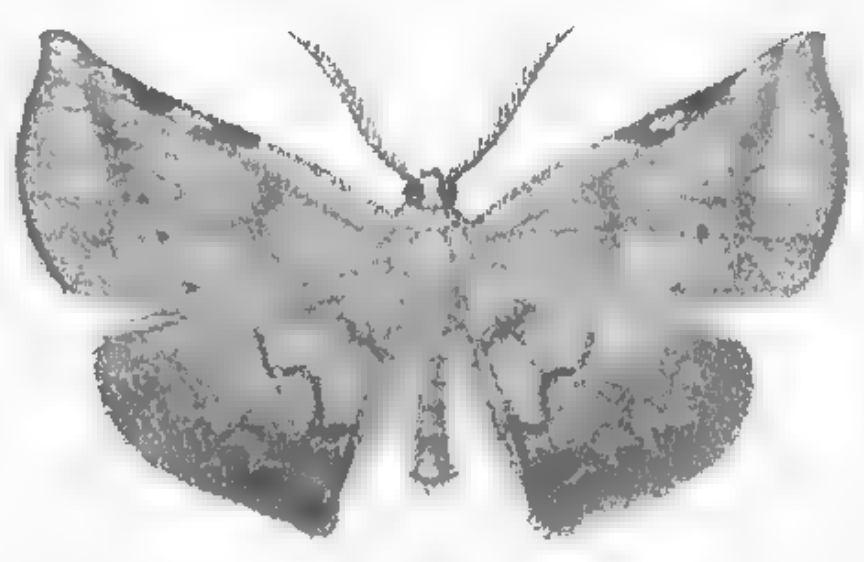
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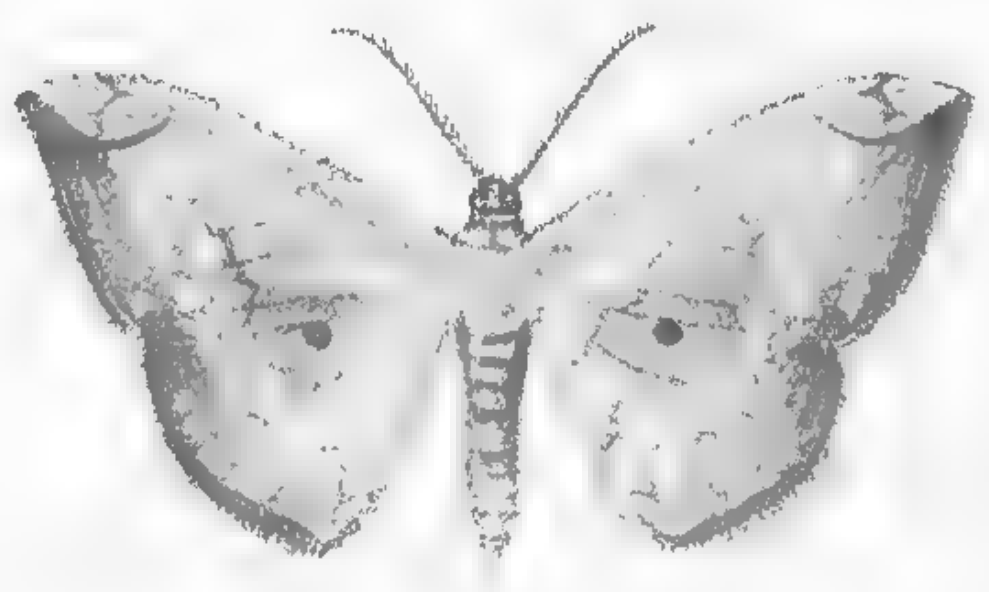
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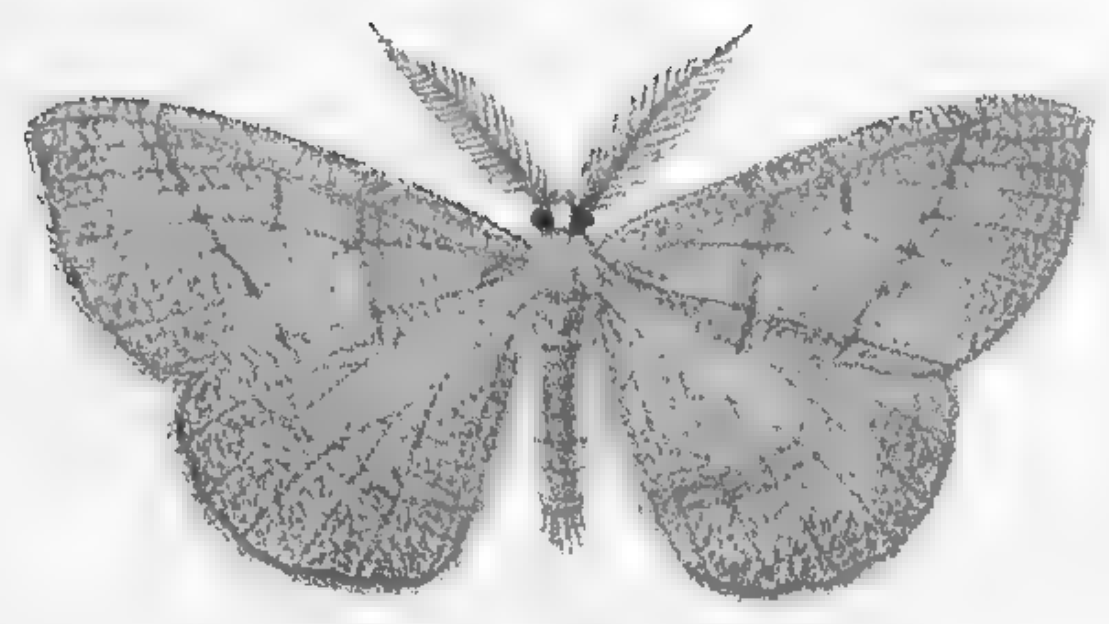
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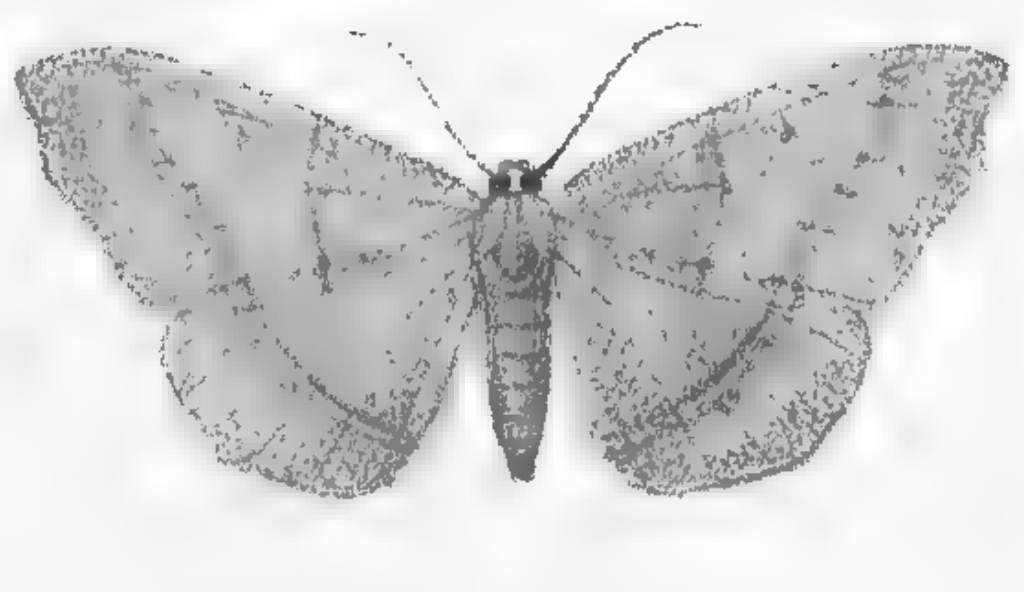
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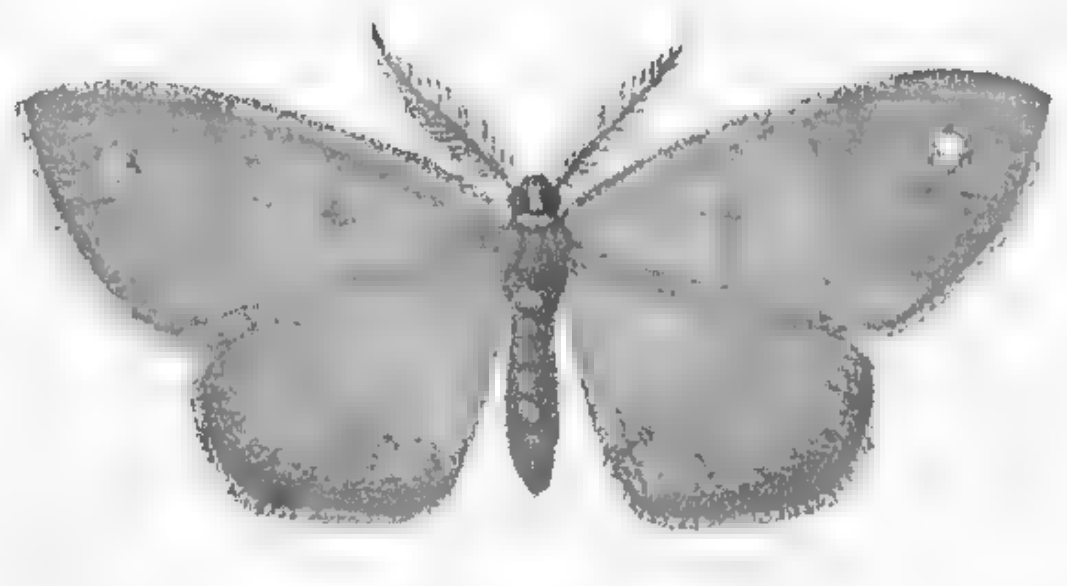
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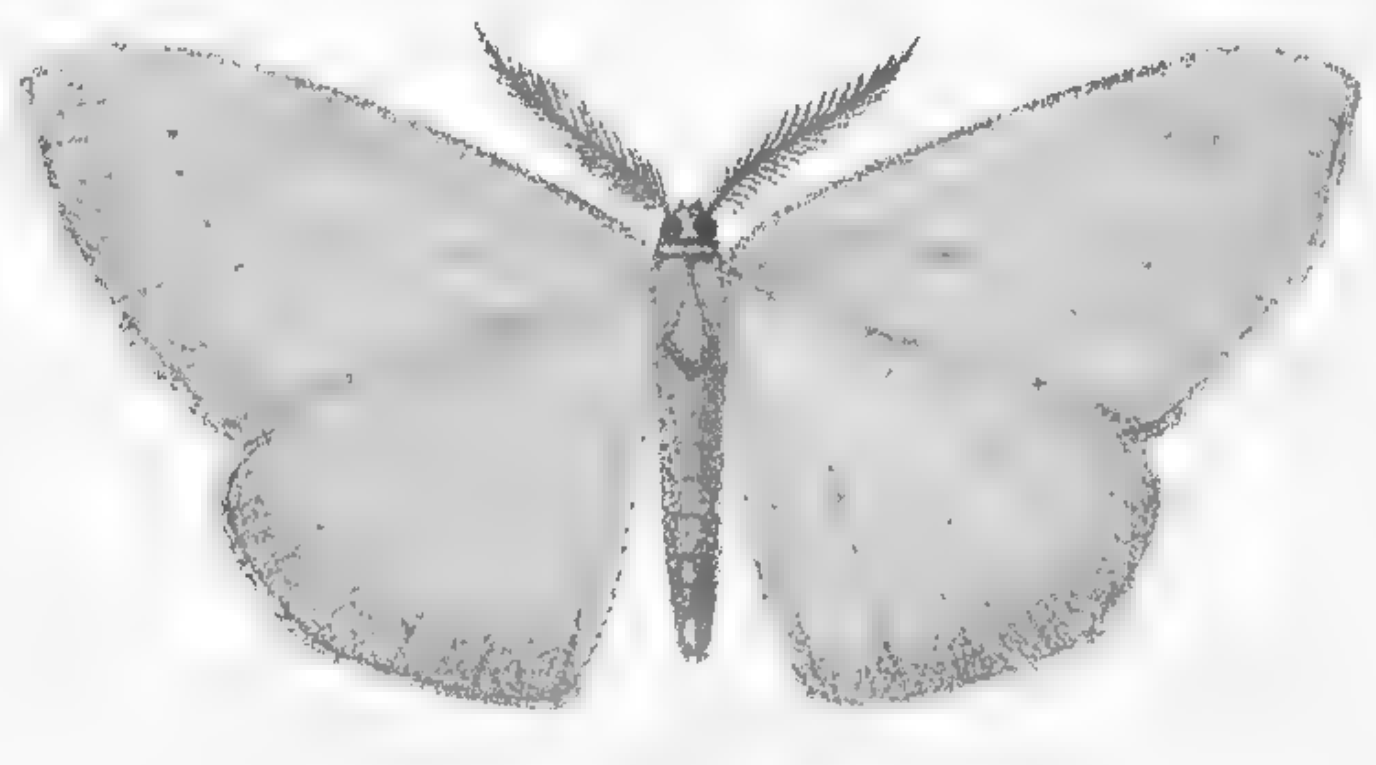
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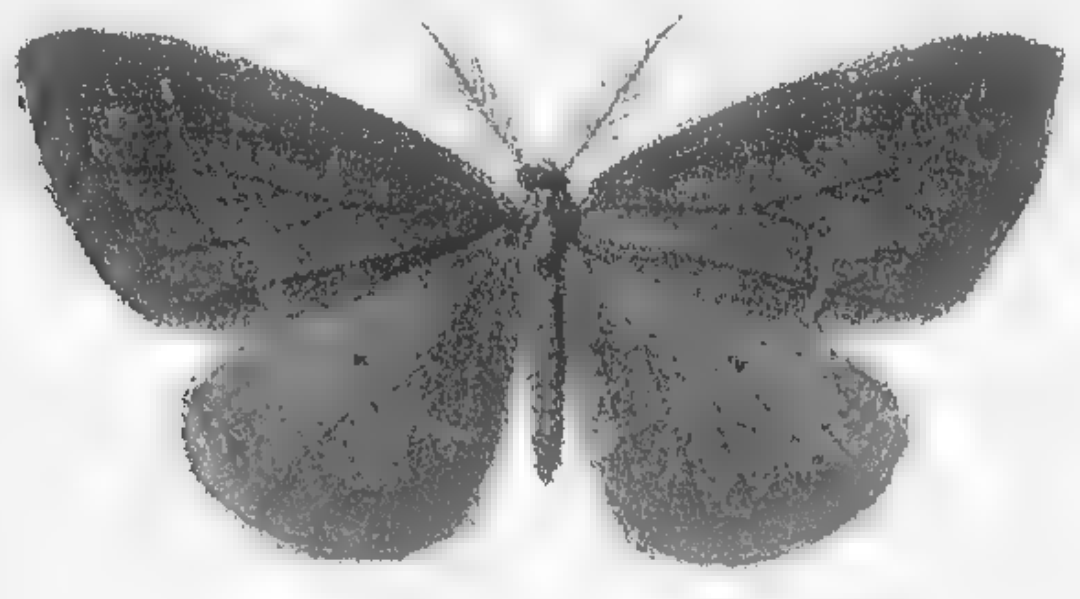
1♀ APICIA AURELIA.
2♂ „ MEGANIA.
3♂, 4♀ EPIONE (?) ASTERIA.
5♂, 6♀ „ (?) MEGAMEDE.
7♂ SICYA AURUNCA.
8♂ „ MESAPIA.
9♂ SICYA BALA.
10♂, 11♀ „ NEDA.
12♂, 13♀ „ MYRON.
14♂ „ (?) ASCOLIA.
15, 16♂ ACROTOMIA MUTA.
17♂, 18♀ „ POLLA.
19, 20♂ „ (?) MUCIA.
21♂, 22♀ ACROTOMIA MINUCIA.
23♂ „ (?) BOLA.
24♂ „ (?) NISA.
25♂, 26♀ THERINA AXION.
27♂ „ BETALA.
28♂ „ MUNDA.

W. Purkiss lith.
Hanhart imp.
591.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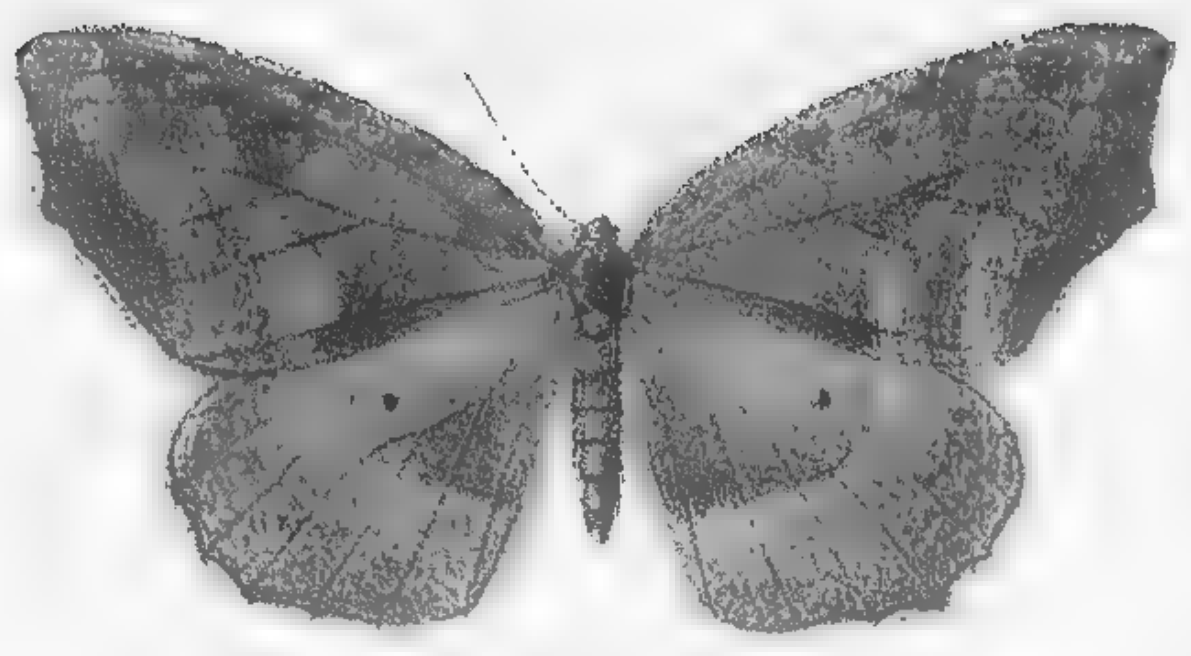
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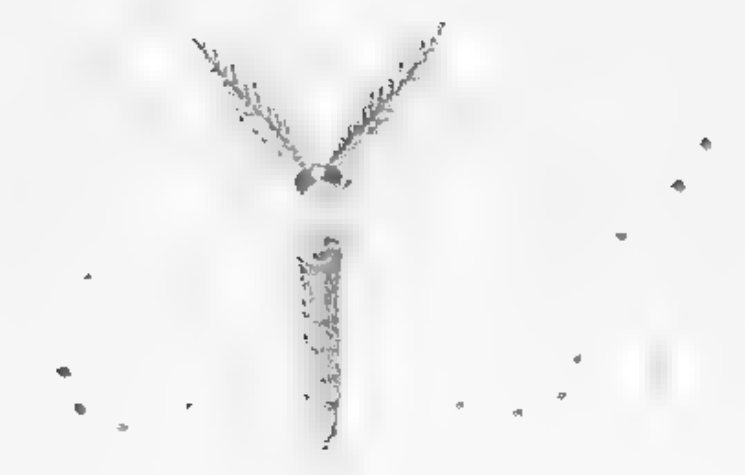
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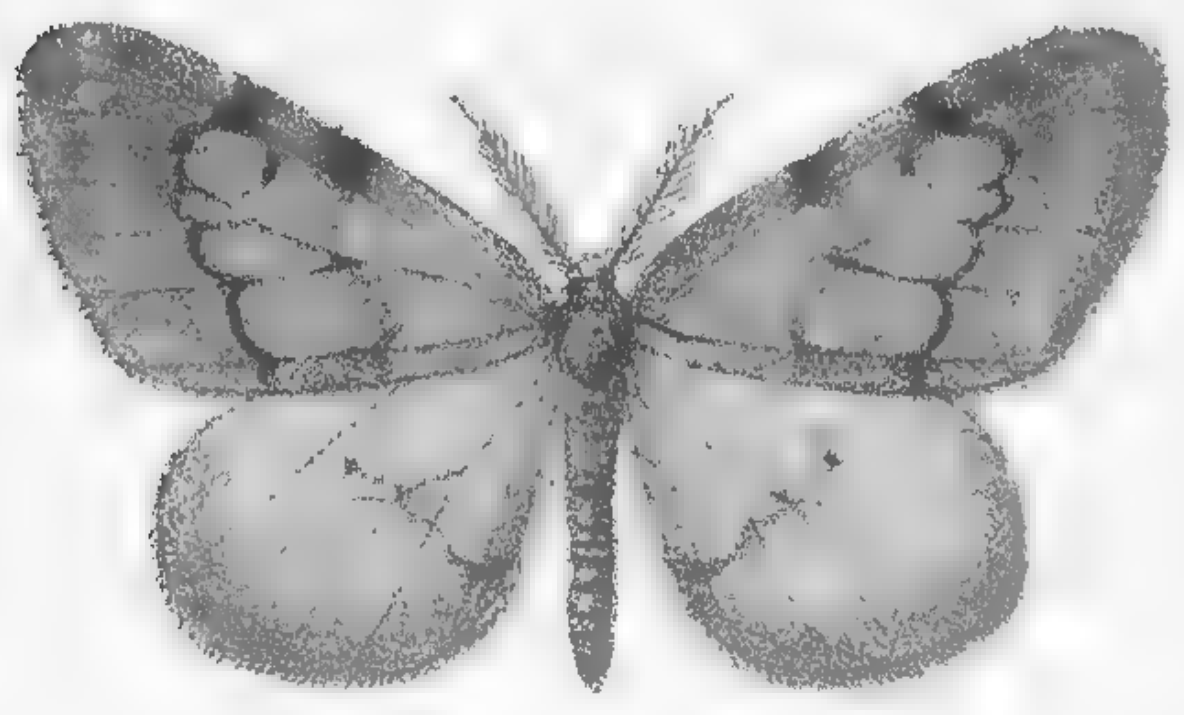
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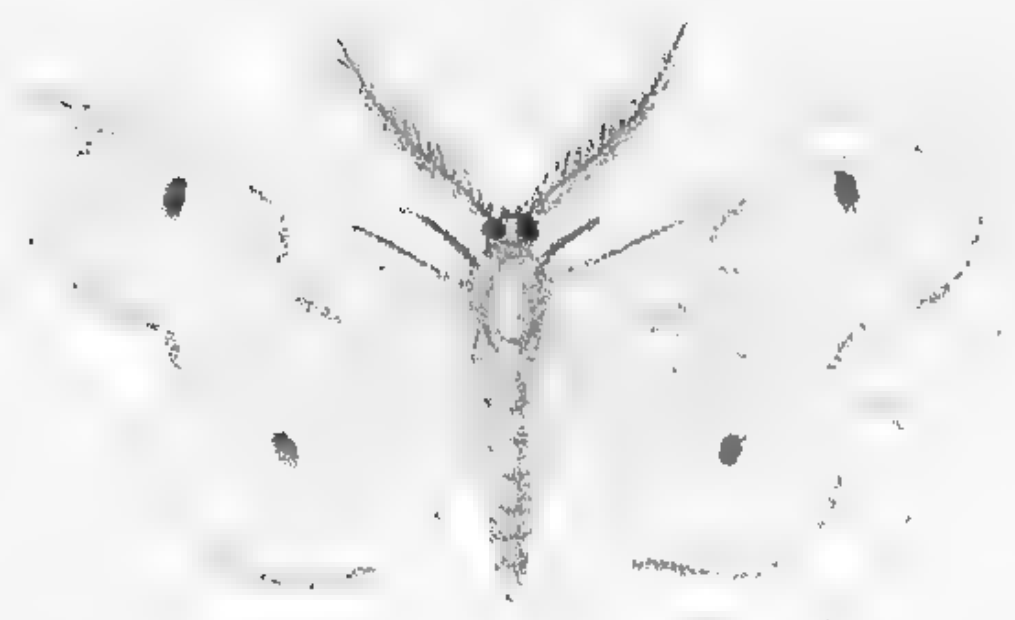
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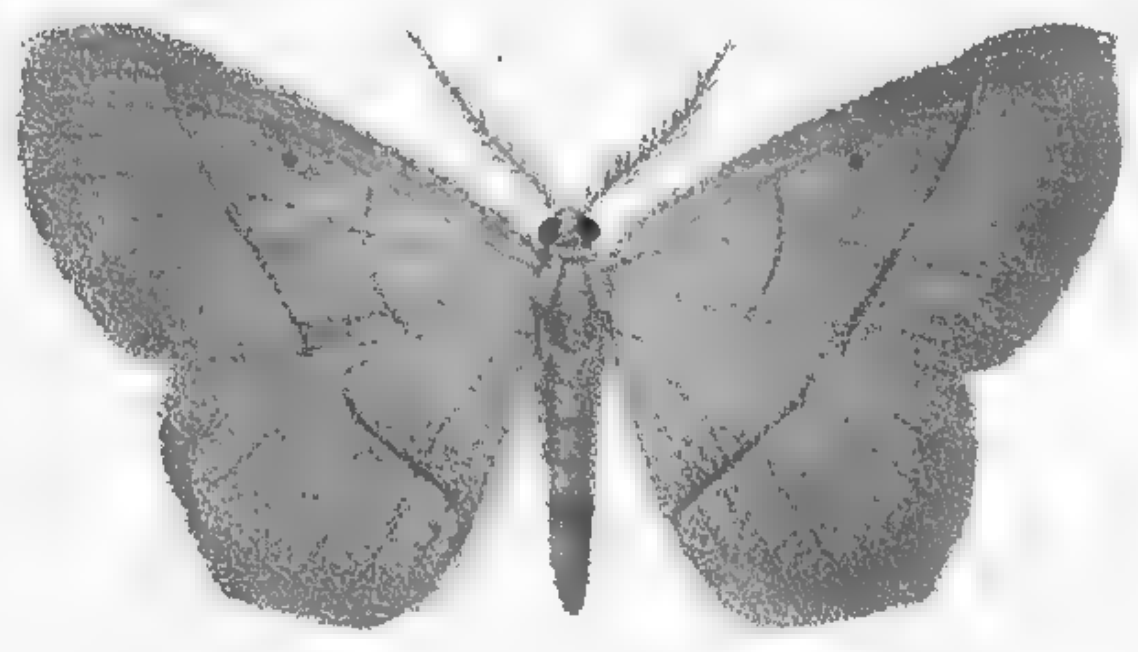
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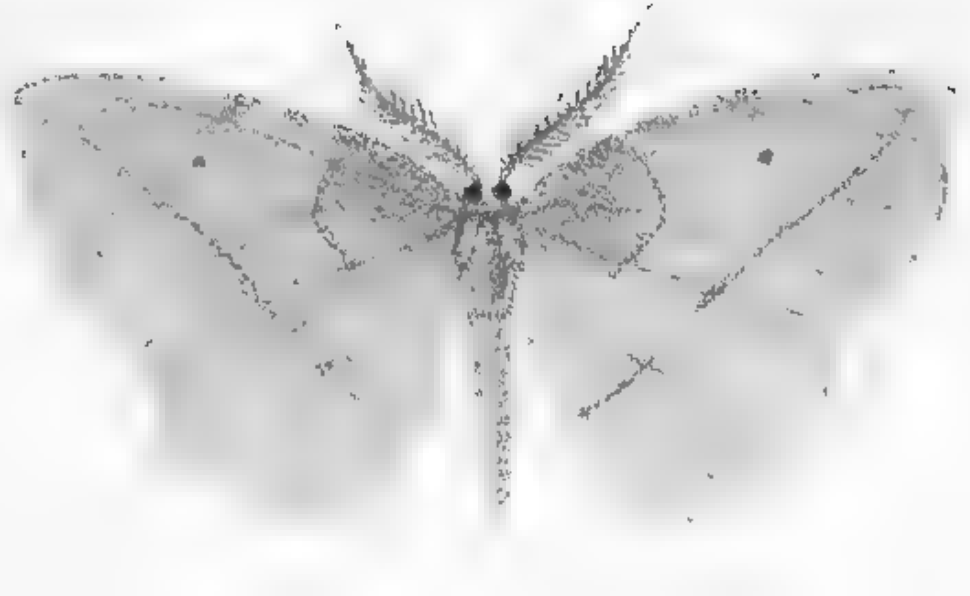
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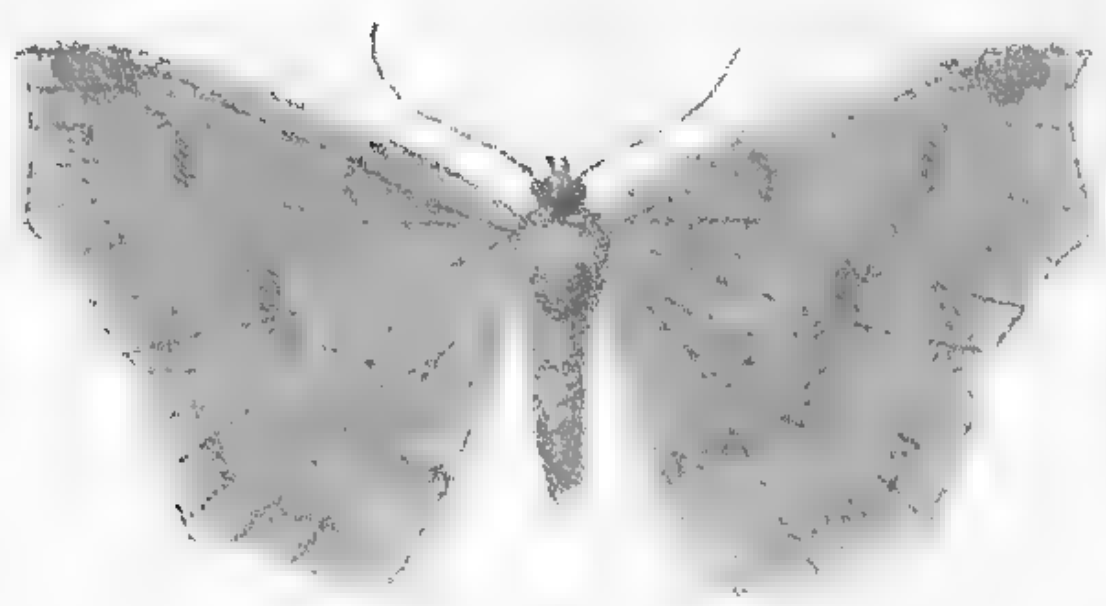
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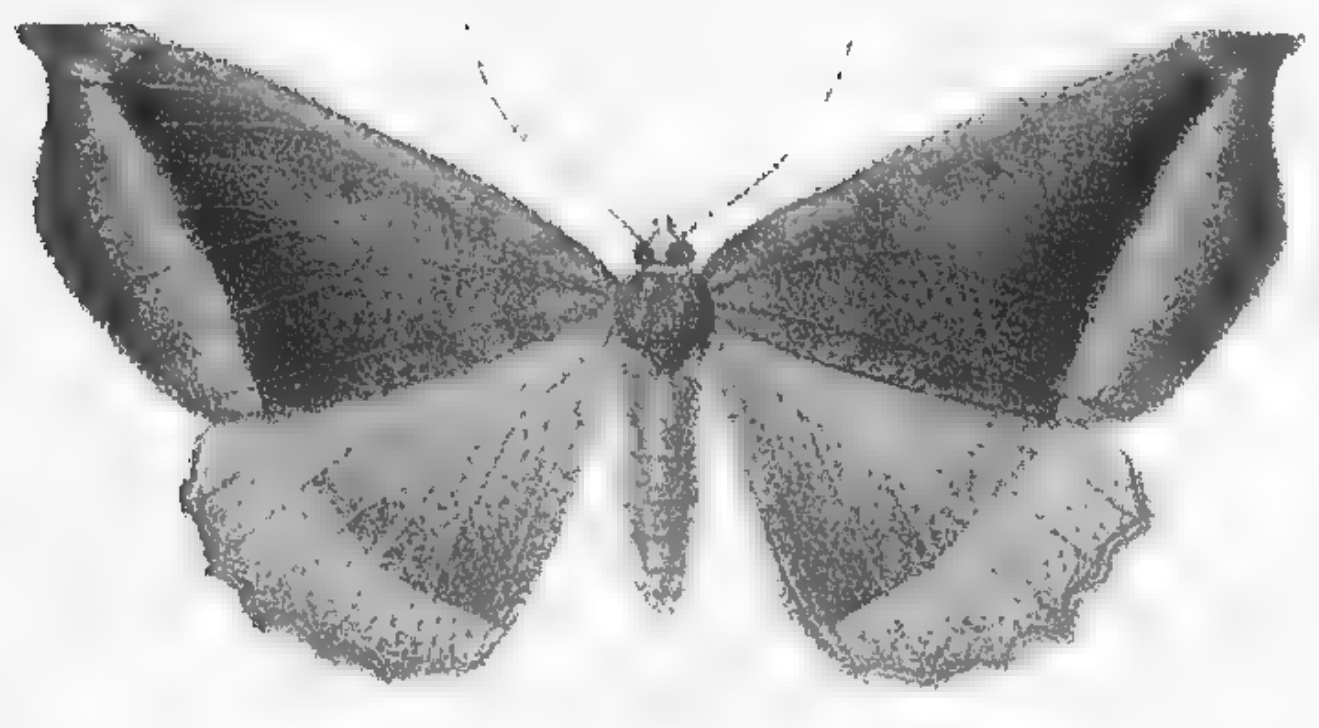
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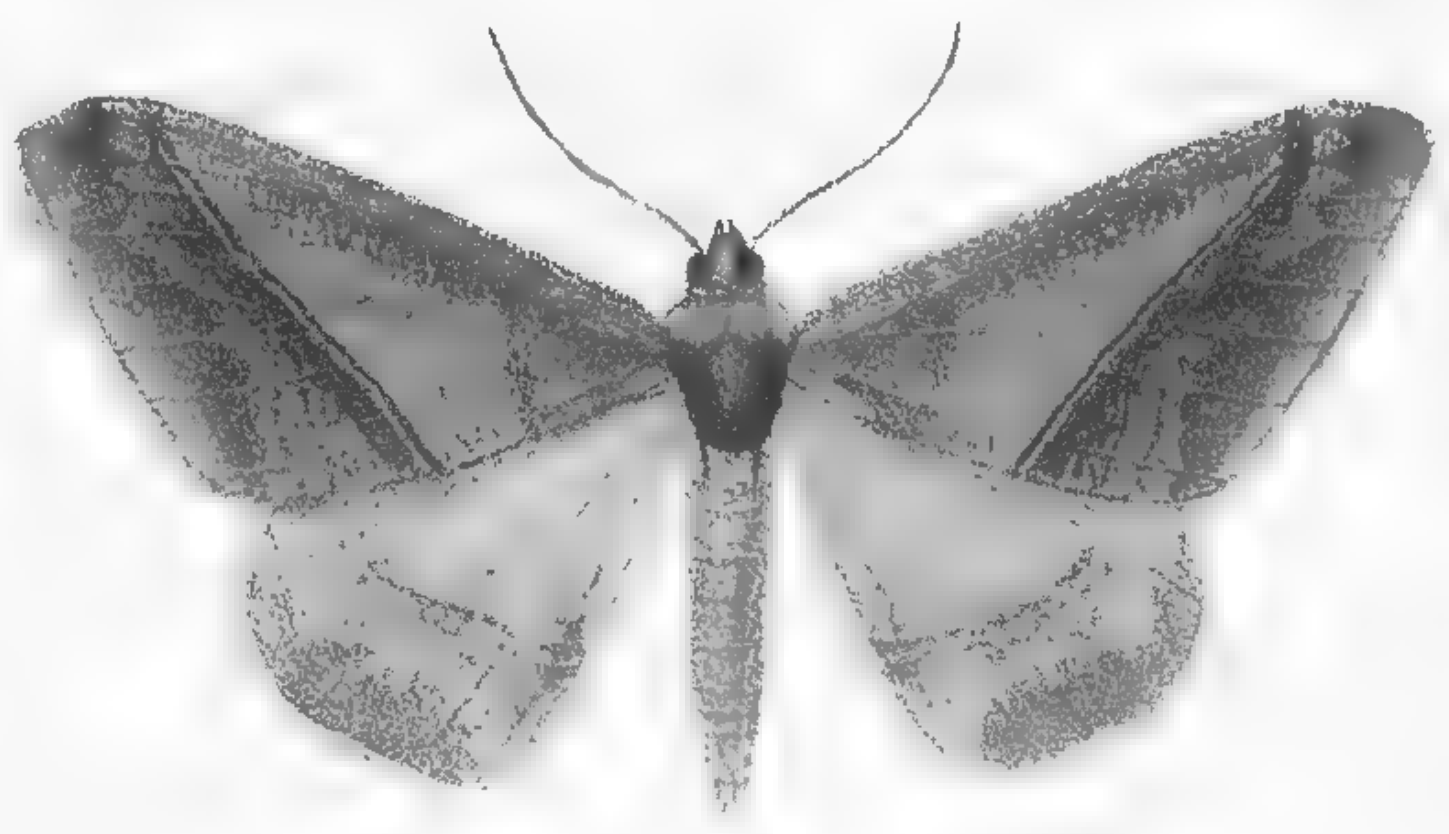
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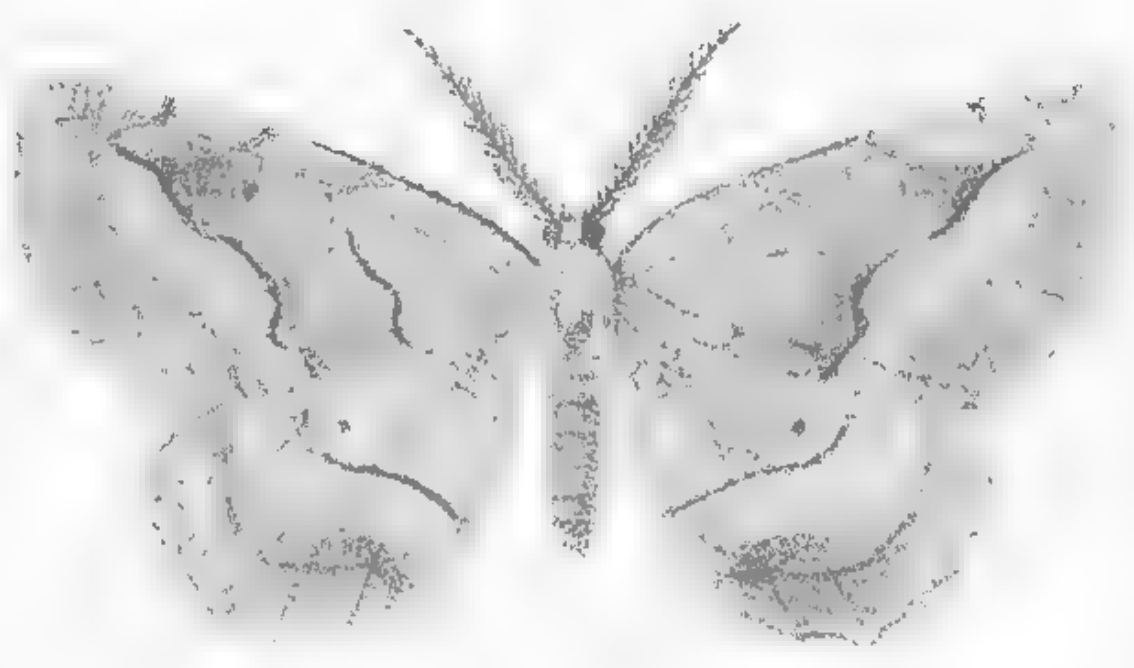
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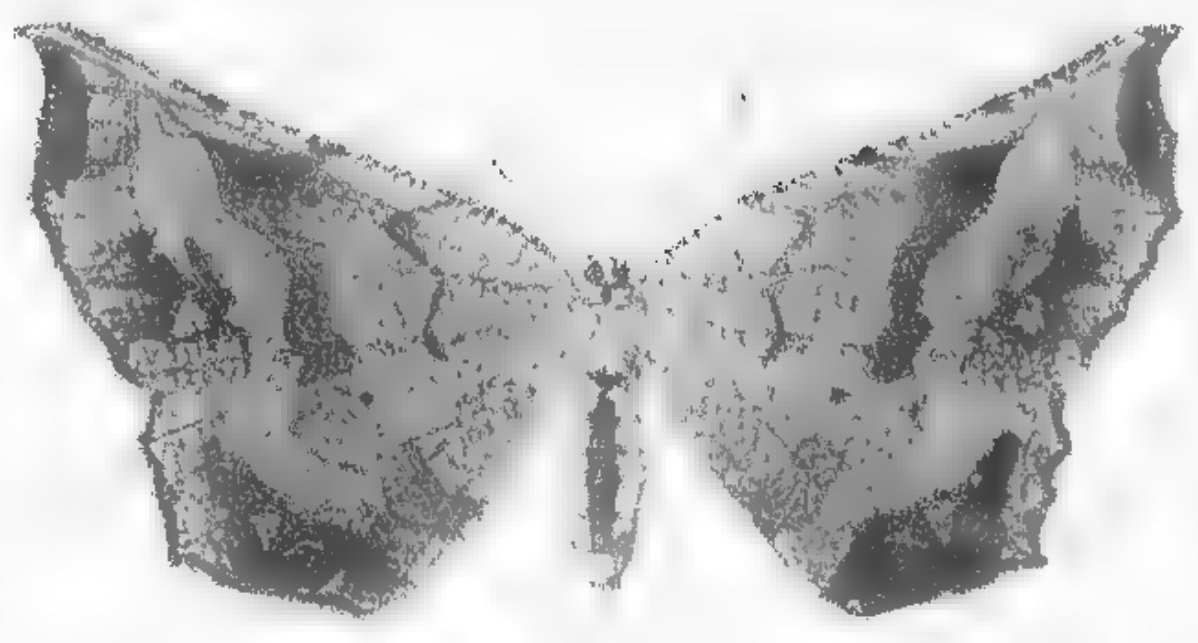
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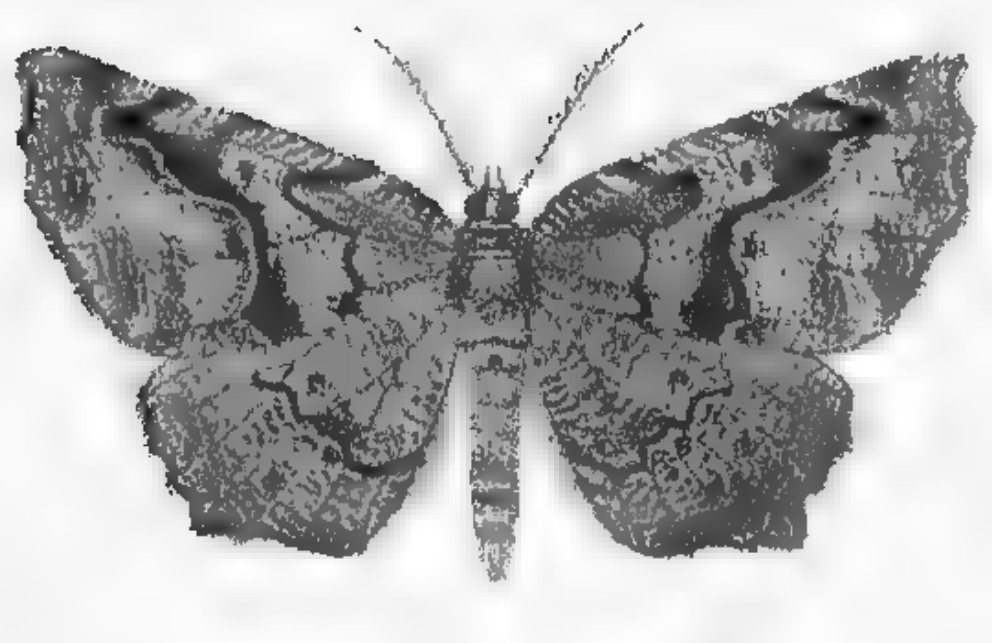
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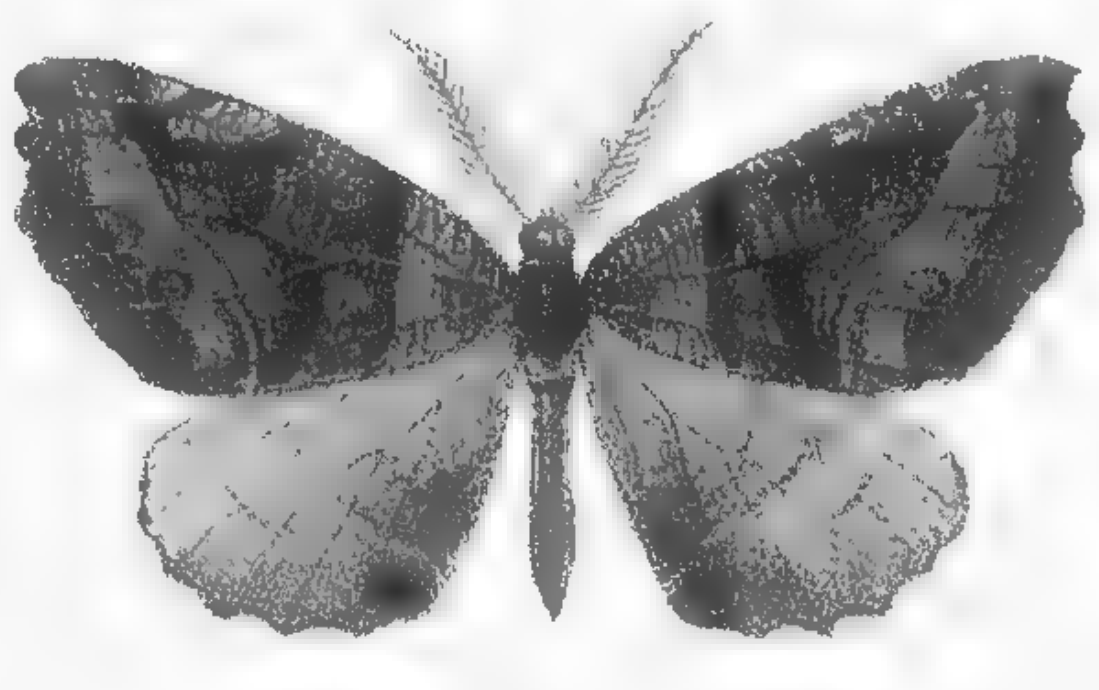
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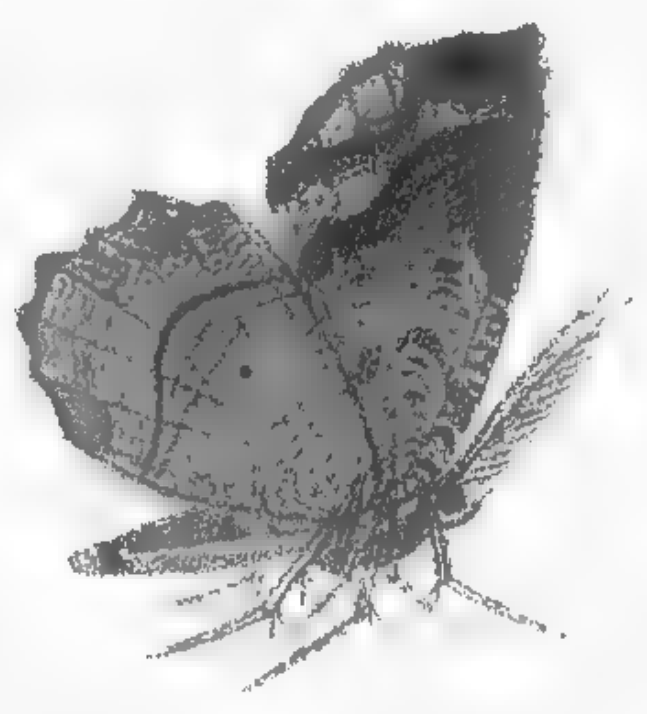
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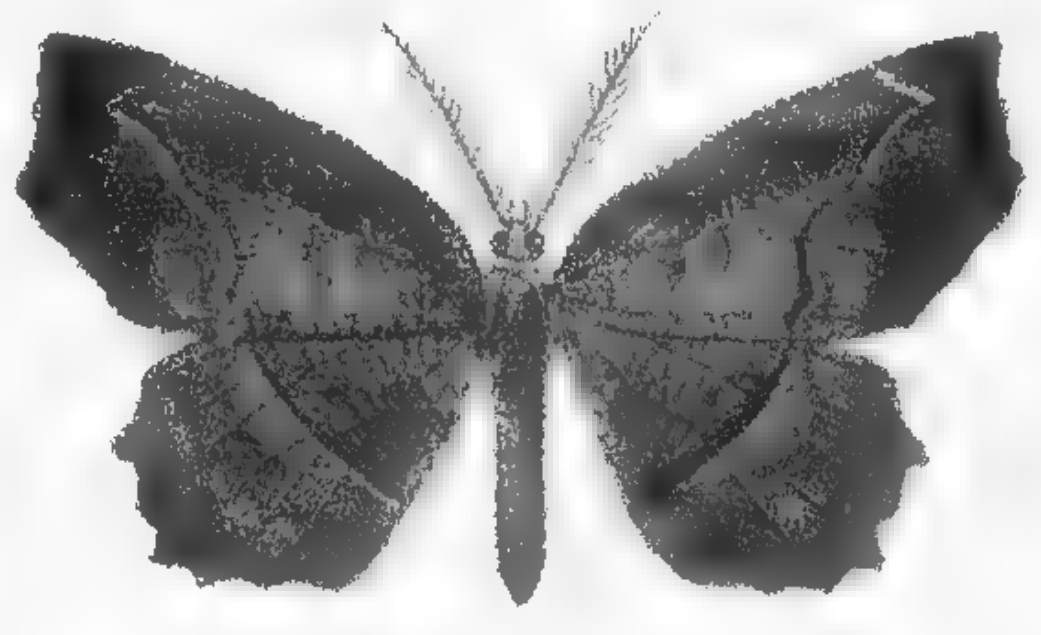
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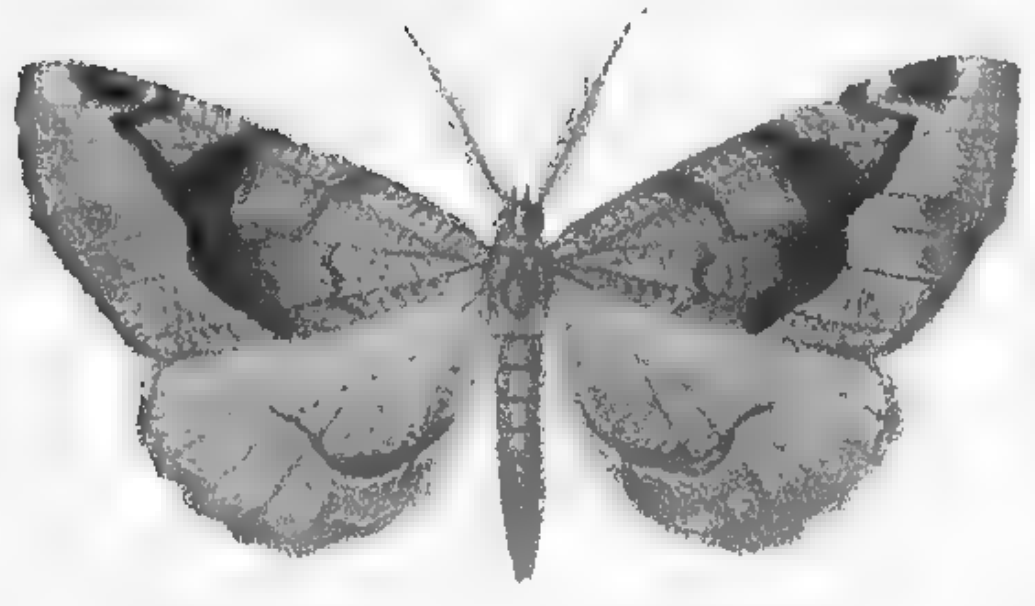
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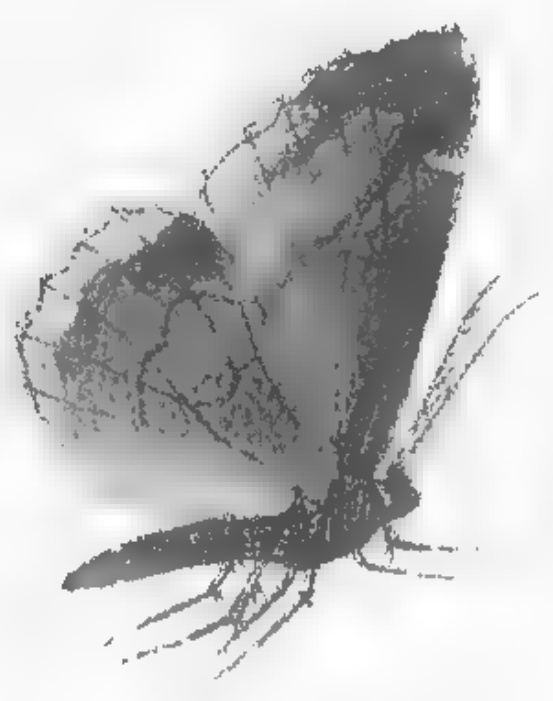
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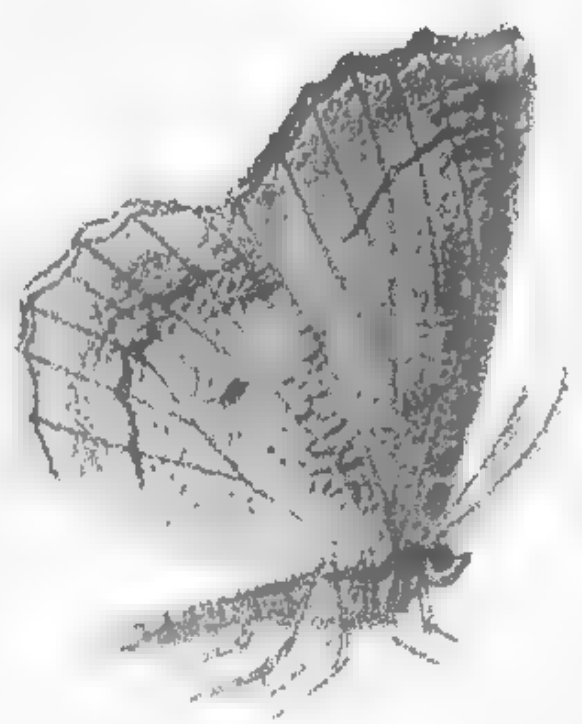
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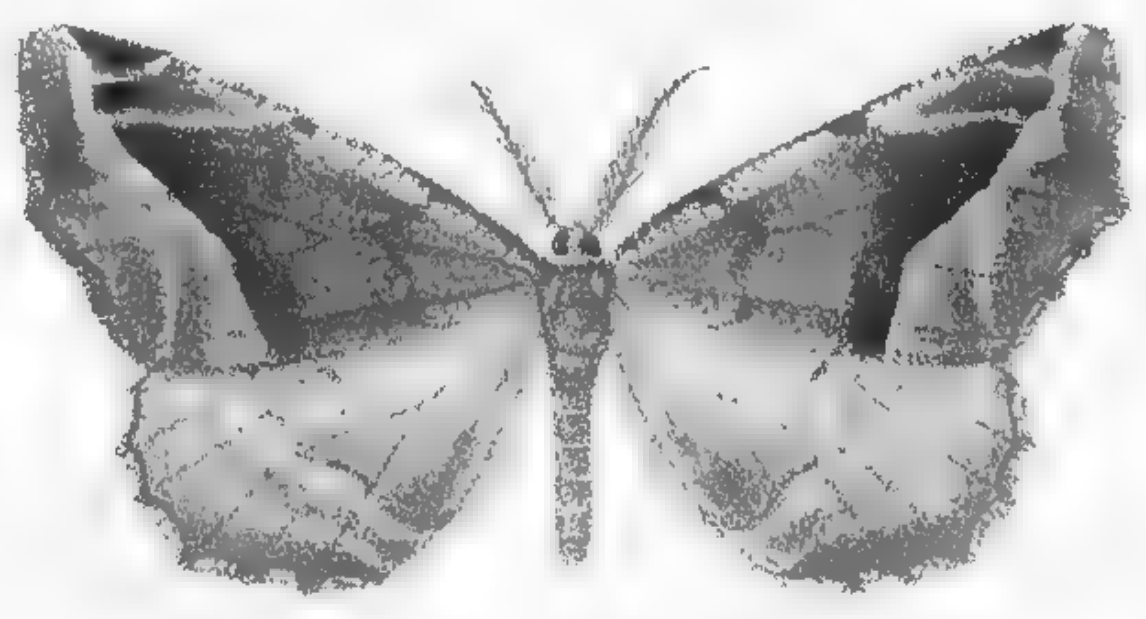
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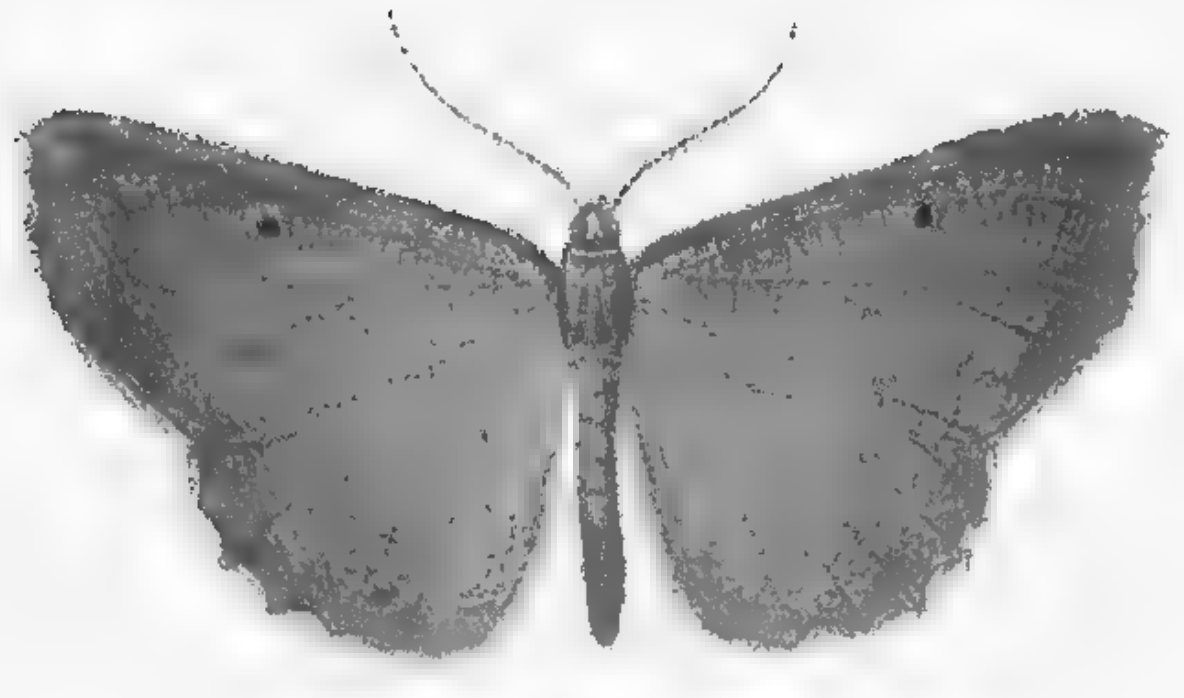
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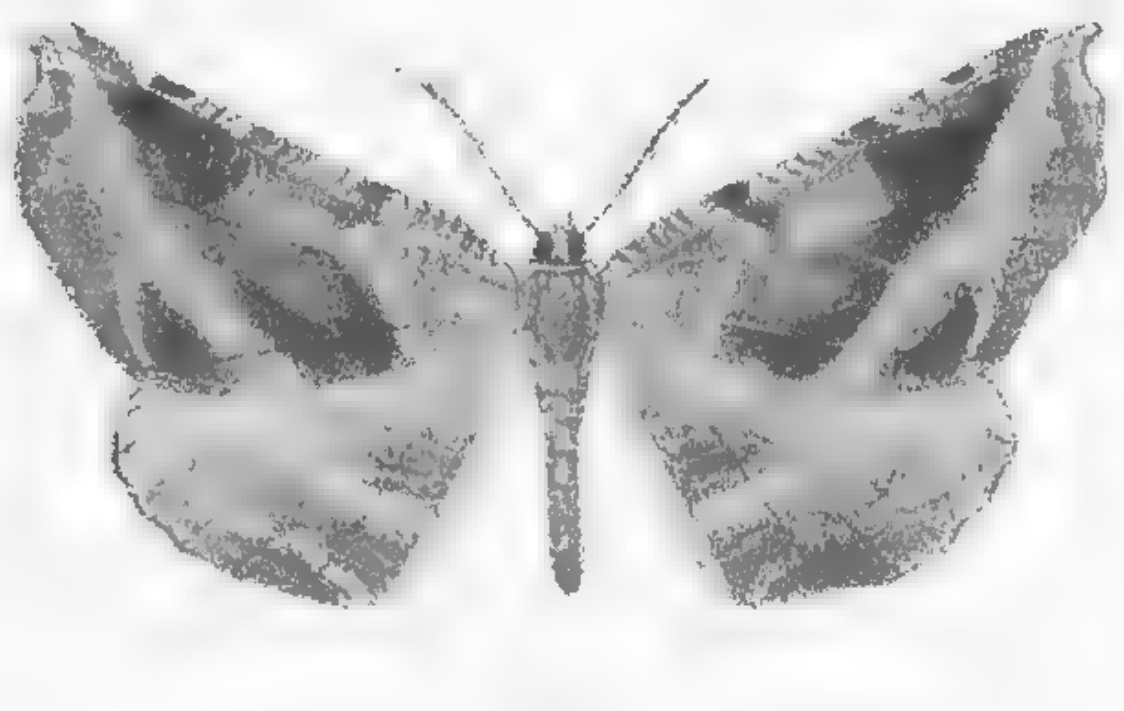
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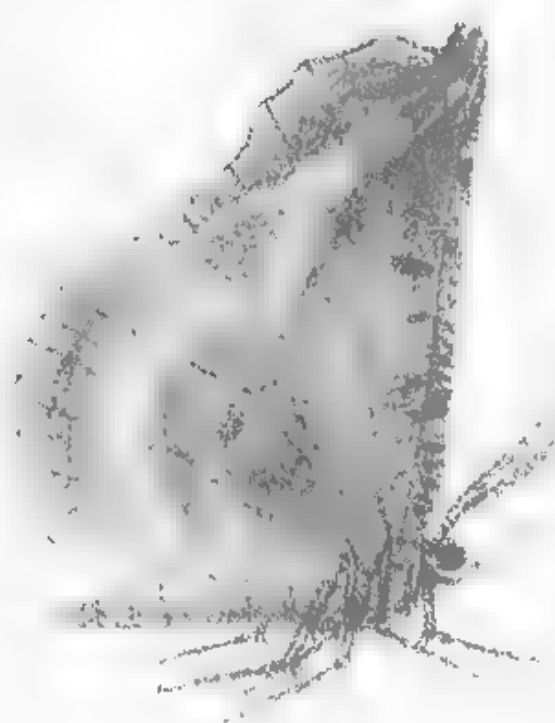
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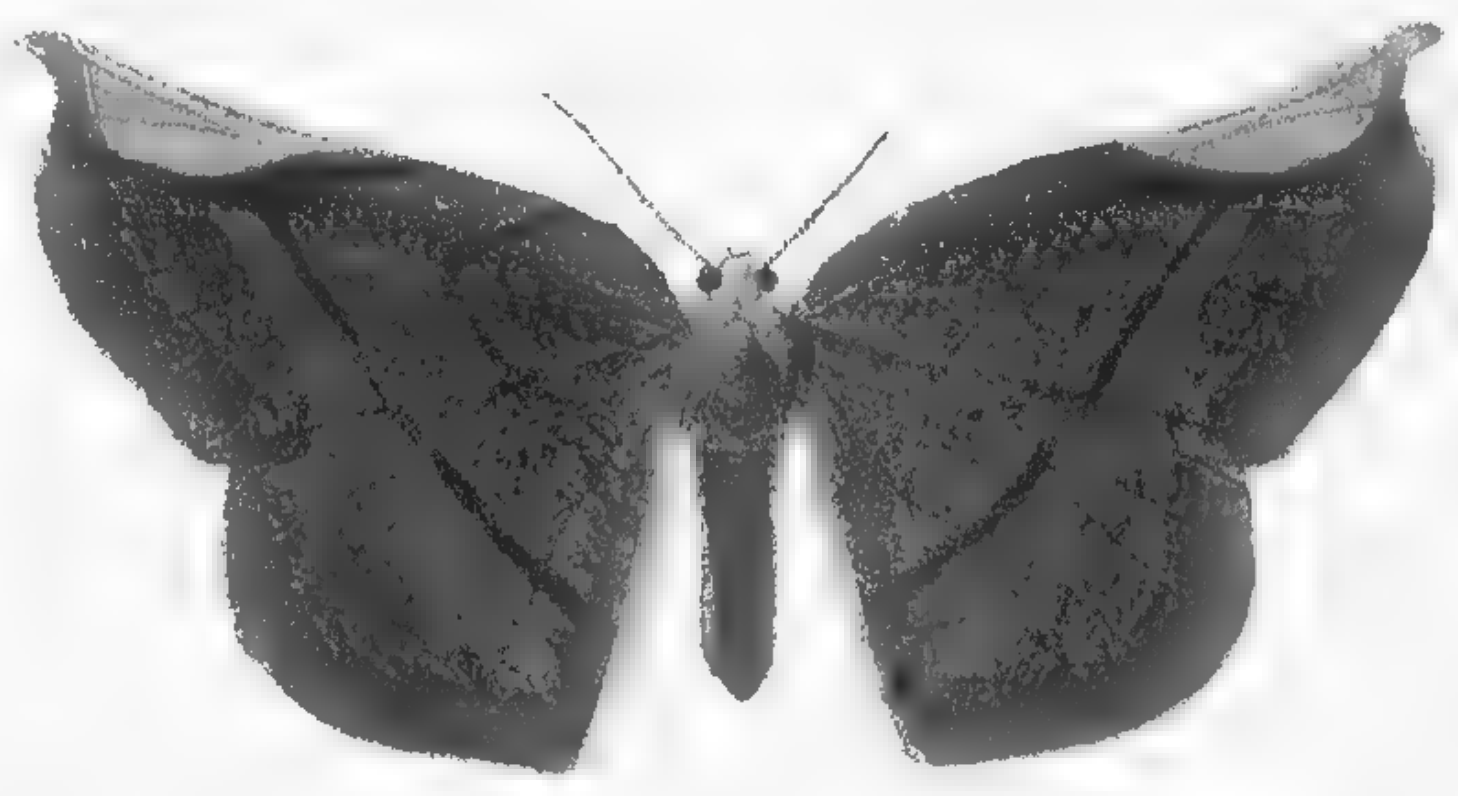
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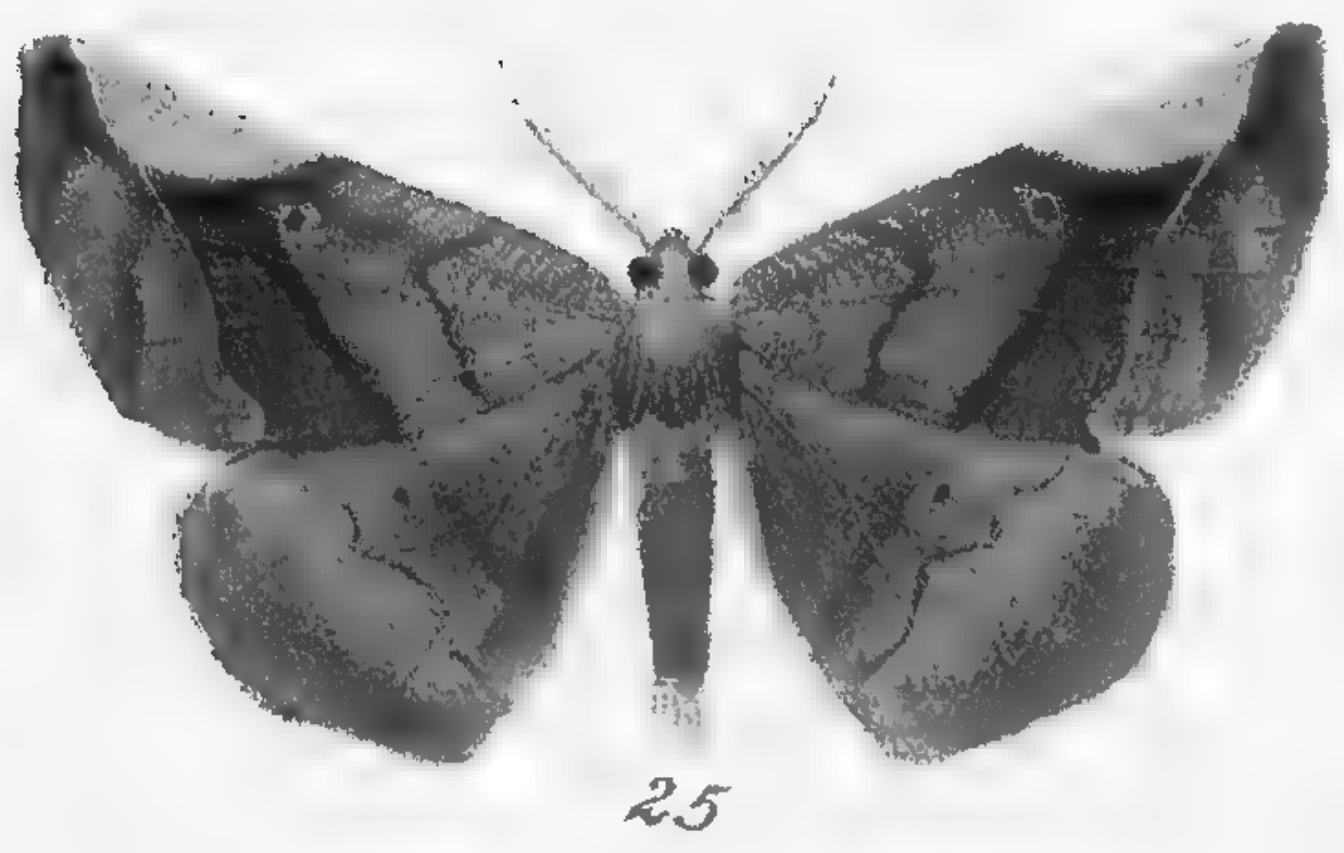
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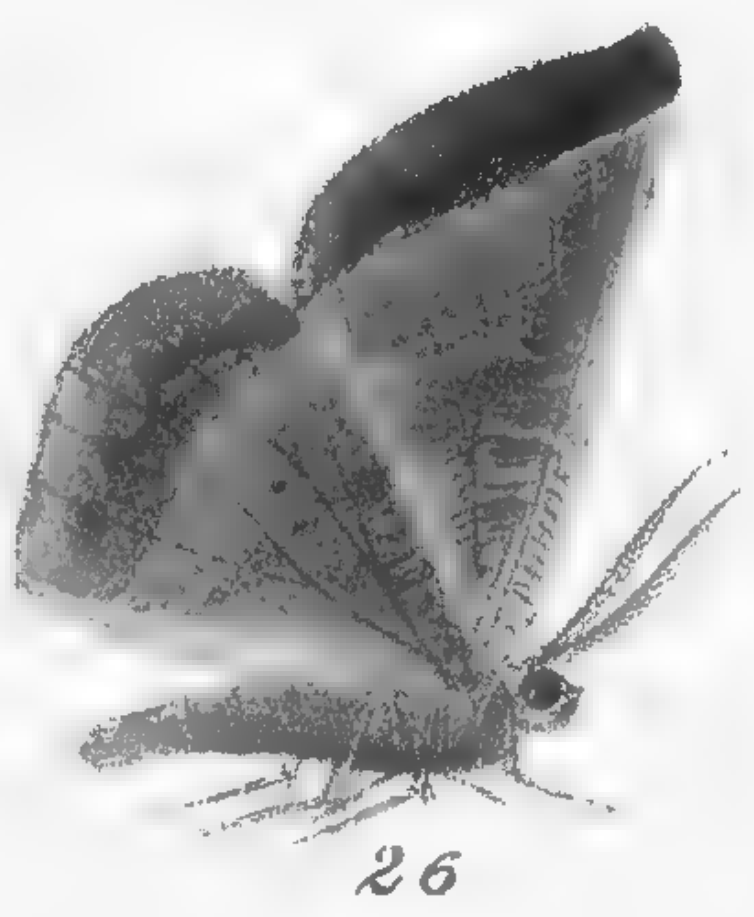
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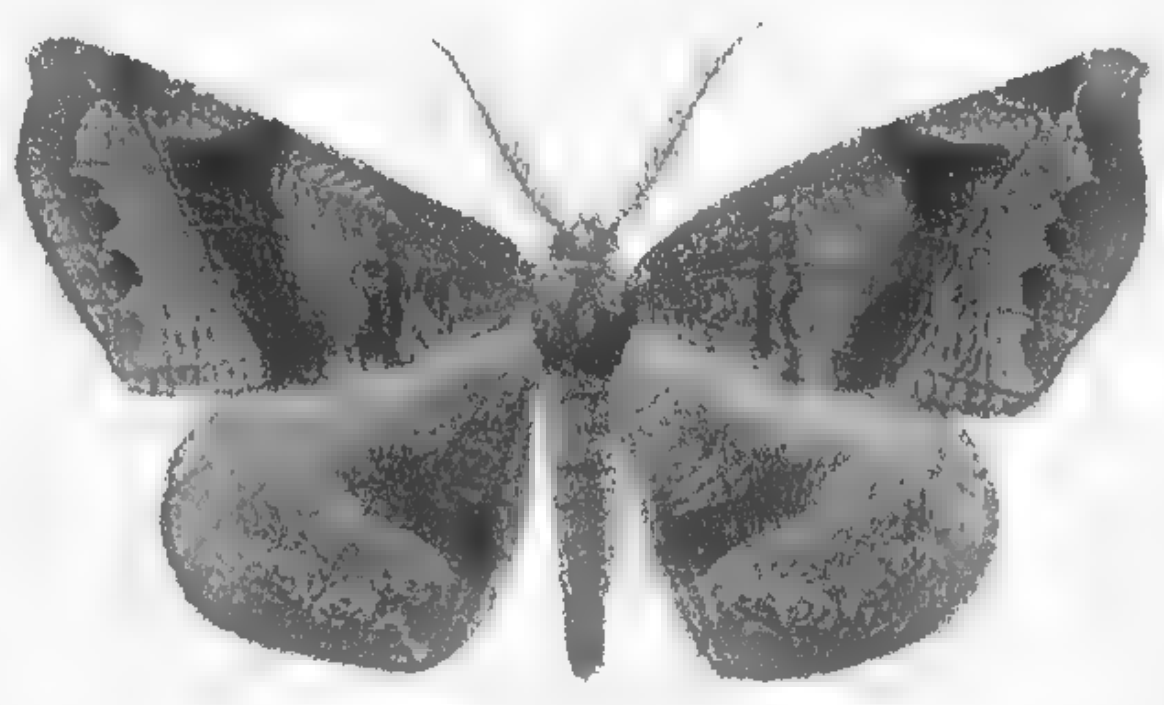
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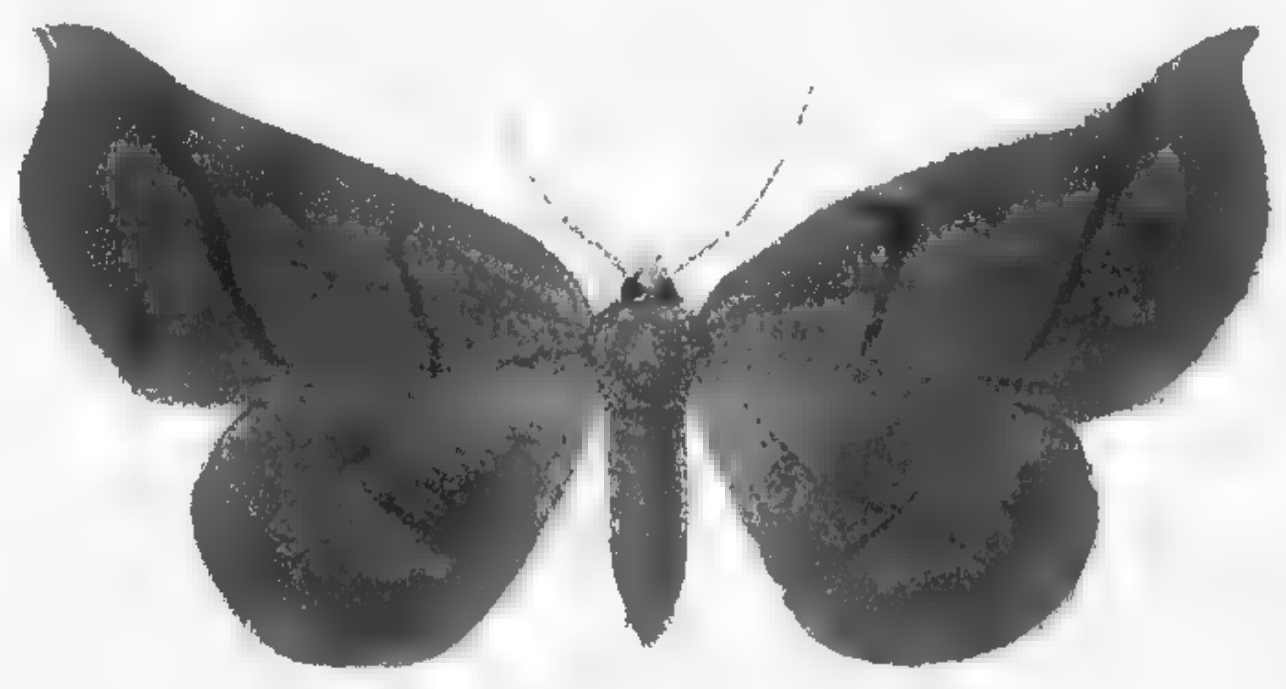
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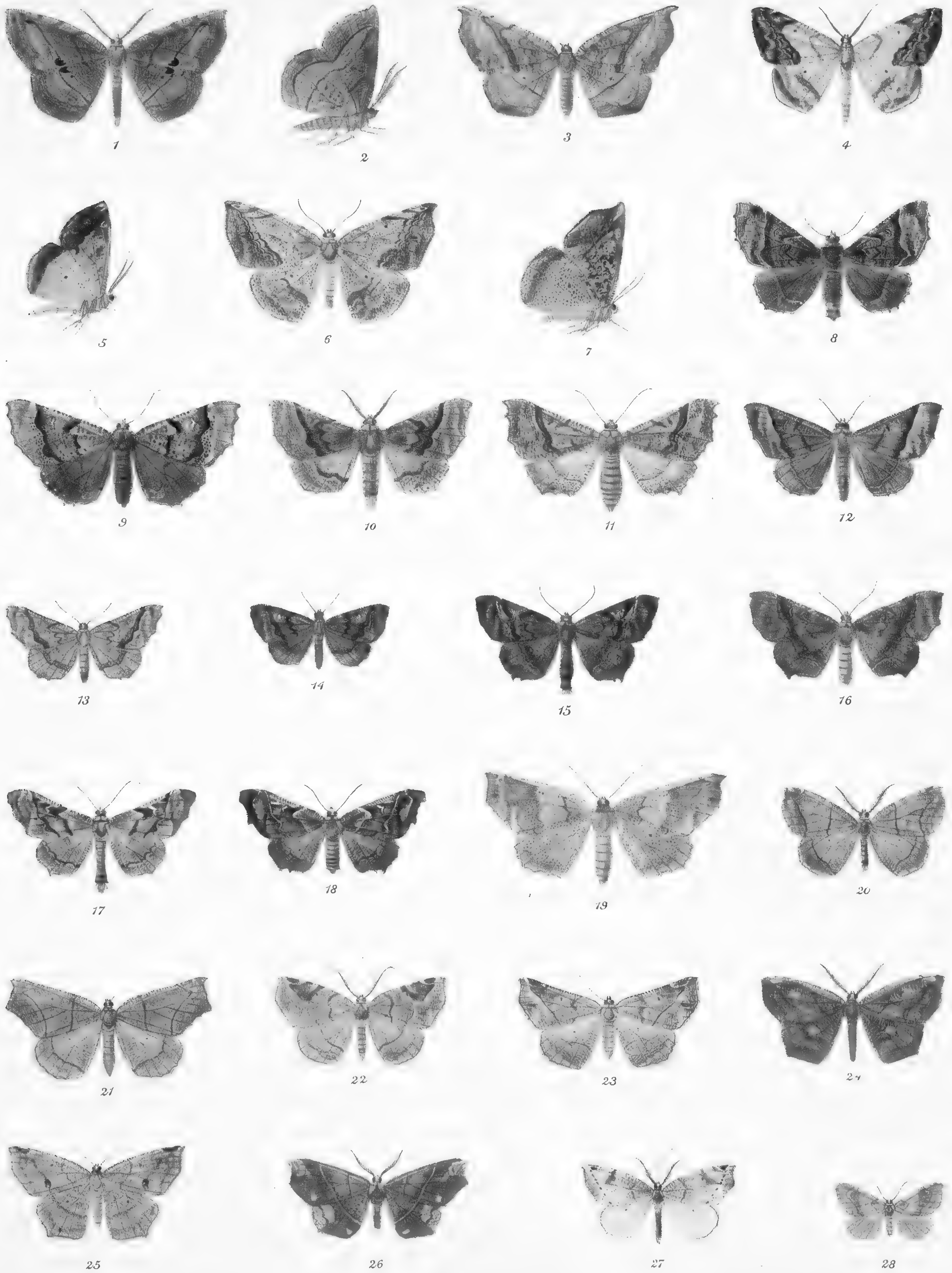
1♂, 2♀ THERINA BADA.
3♂ LEUCULA AVITTA.
4♂ THERINA (?) NOMIA.
5♂ LEUCULA MEGANIRA.
6♂ CABERODES AXONA.
7♂ " MESSENE.
8♀ TETRACIS AZONAX.
9♀ " BELIDES.
10♂ EROSINA MEROPIA.
11♂, 12♀ SELENIA MONIMA.
13♂ " ASTERIA.
14♂ " MYRINA.
15, 16♂ " BANASA.
17, 18♂ SELENIA NARCÆA.
19, 20♂ " BELISAMA.
21♂ " NABDALSA.
22, 23♂ " AZAMORA.
24♀, 25, 26♂ HYGROCHROMA NONDINA.
27♂, 28♀ " BUBONA.

W. Purkiss lith.

Hanhart imp.

Blue Cyan Green Yellow Red Magenta White 3/Color Black
KODAK Color Control Patches © The Tiffen Company, 2000 Kodak LICENSED PRODUCT
Centimetres
Inches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1,2♂ HYGROCHROMA CÆSIA.
3♀ „ „
4,5♂ „ NEMORA.
6,7♀ „ „
8♂,9♀ AZELINA ASTERODIA.
10♂,11♀ „ ASTAPA.

12♂ AZELINA MELISSA.
13 „ METELLA.
14 „ AURUNCA.
15♂,16♀ „ MICCA.
17♂,18♀ „ RUMINA.
19♀ ODONTOPERA BUBULA.

20♂,21♀ METANEMA CABIRIA.
22♂,23♀ „ BONADEA.
24♂,25♀ „ NEON.
26♂ „ BREA.
27♂ MYCHONIA (?) BITYLA.
28 „ (?) NOELA.

W. Purkiss lith.
Hanhart imp
593

Blue Cyan Green Yellow Red Magenta White 3/Color Black
KODAK Color Control Patches © The Tiffen Company, 2000 Kodak LICENSED PRODUCT
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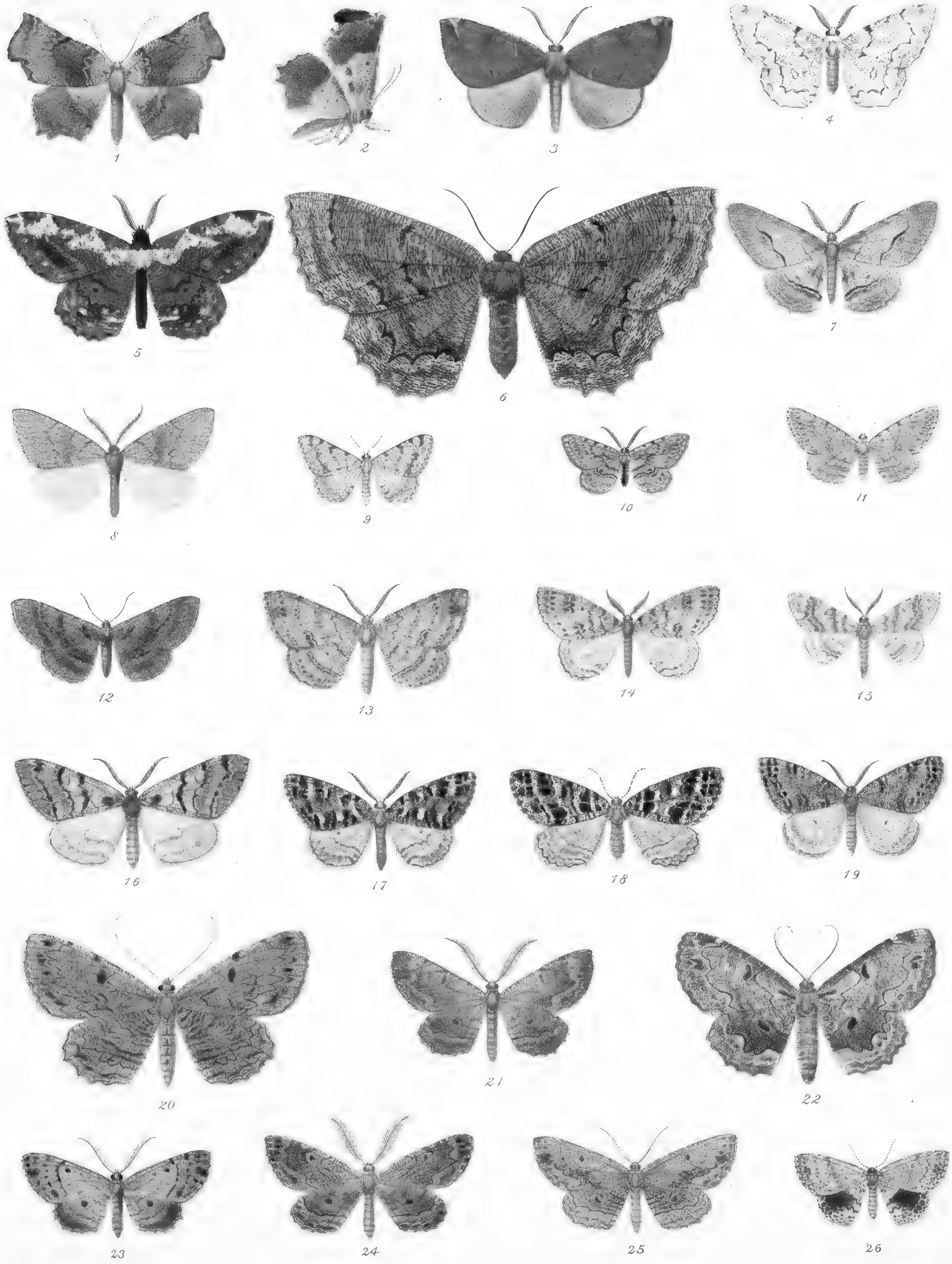
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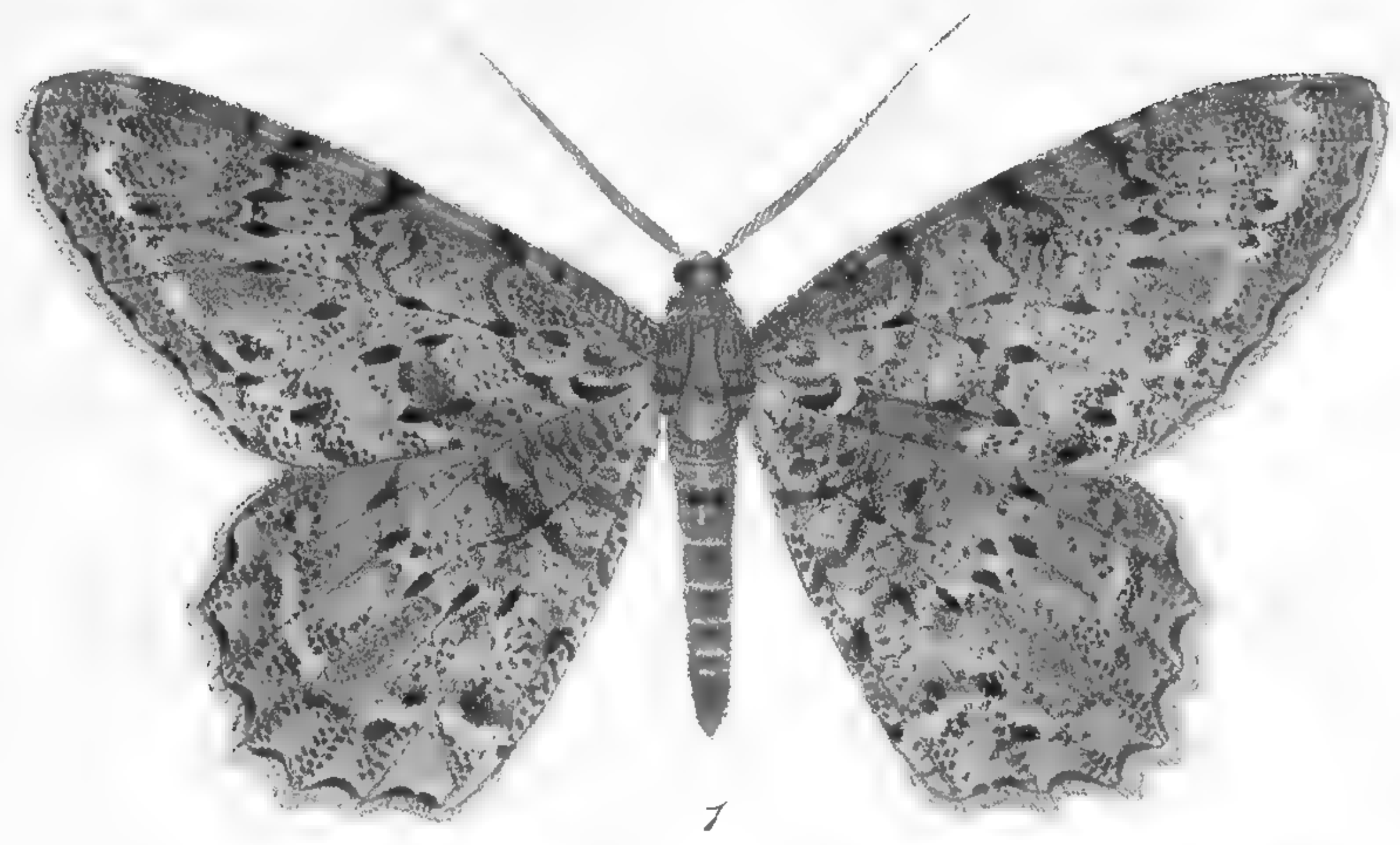
1, 2♀ ENNOMOS BITIAS.
3♂ HIMERA NESTOR.
4♂ AMPHIDASIS ARNOBIA.
5♂, 6♀ „ MATHARMA.
7♂ BOARMIA NOCTILUCA.
8♂ „ (?) CABIRA.
9 CLEORA GODMANI.

10♂ BOARMIA NEPHALIA.
11♀ „ BROTES.
12♀ „ NEPIA.
13♂ TEPHROSIA BOSTAR.
14♂ „ BURA.
15♂ „ (?) AZENIA.
16♂ „ (?) BALSA.

17♂, 18♀ TEPHROSIA MURÆNA.
19♂ „ AXICA.
20♀ ERGAVIA BOGOTARIA.
21♂, 22♀ „ CALVINA.
23♂ „ CALETRA.
24♂, 25♀ „ ASSECOMA.
26 BRYOPTERA (?) CANDARA.

W. Purkiss lith.
Hanhart imp.
594.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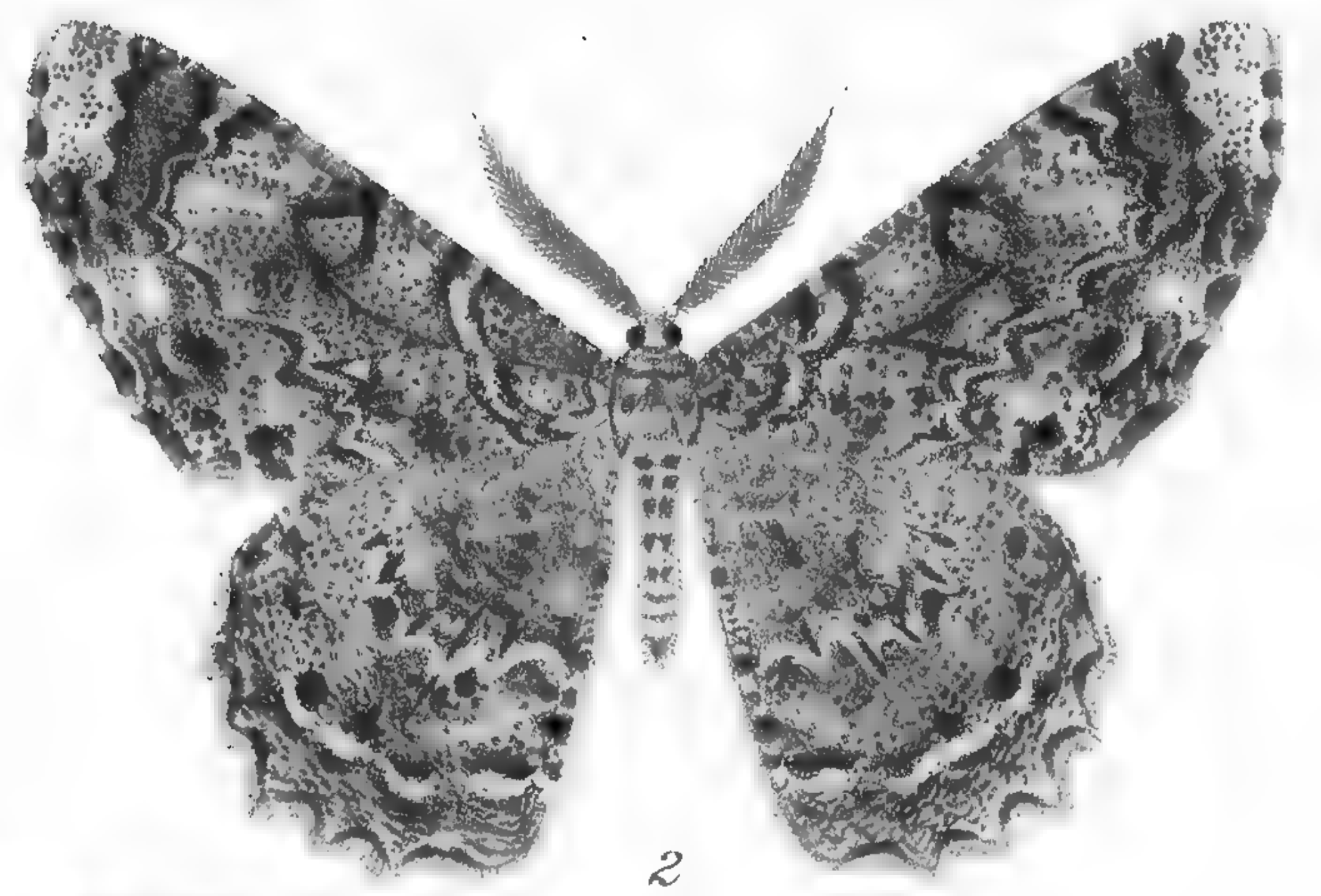
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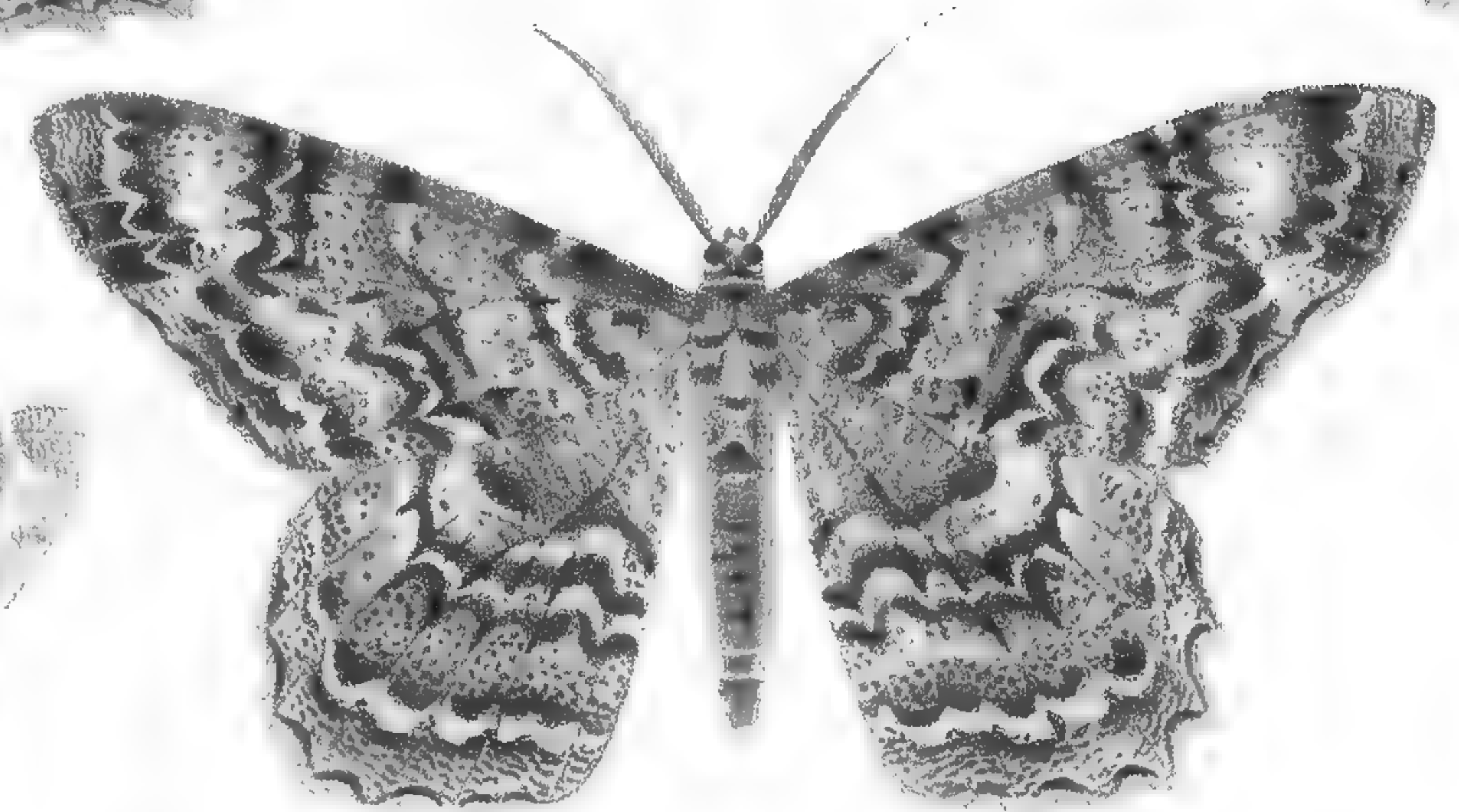
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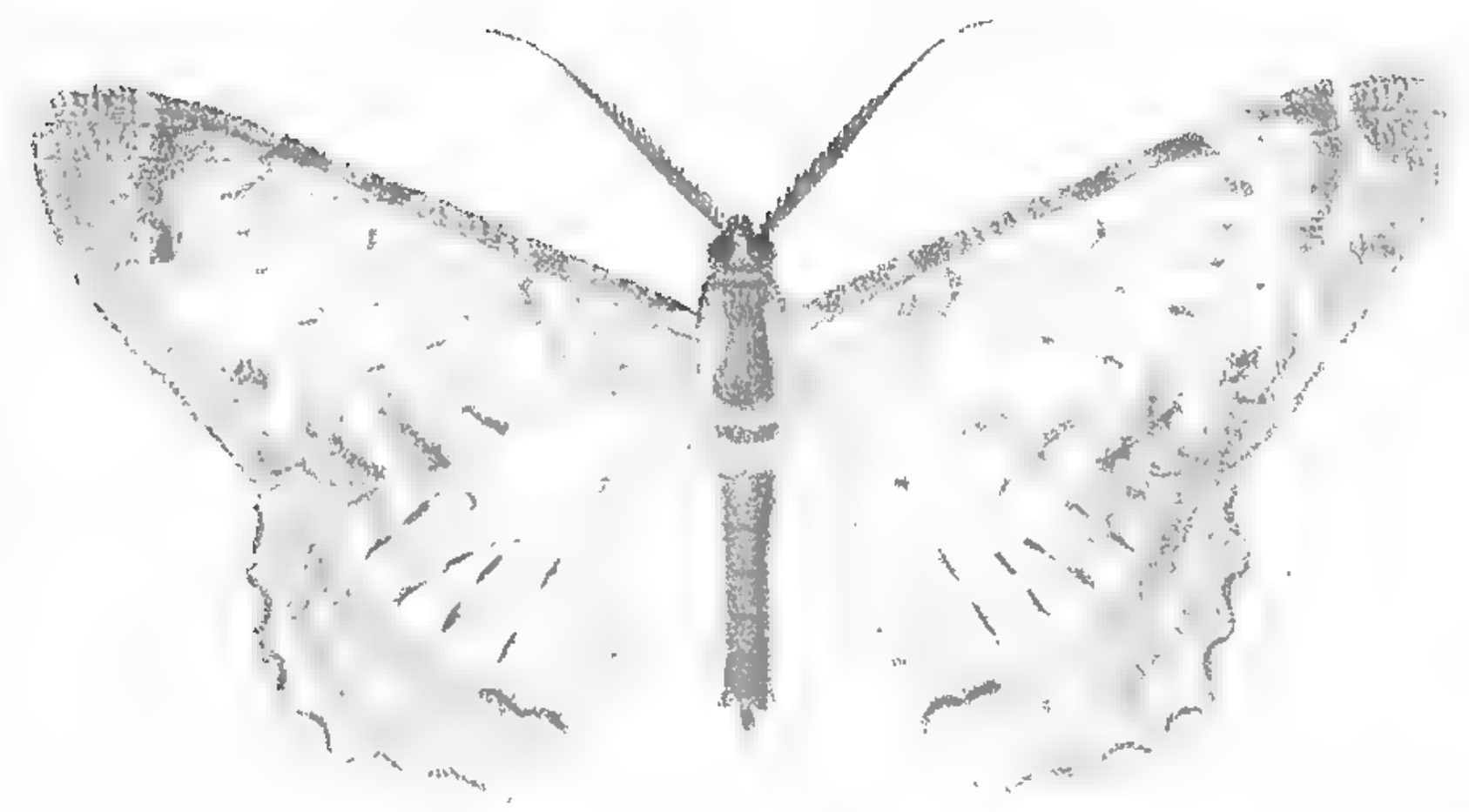
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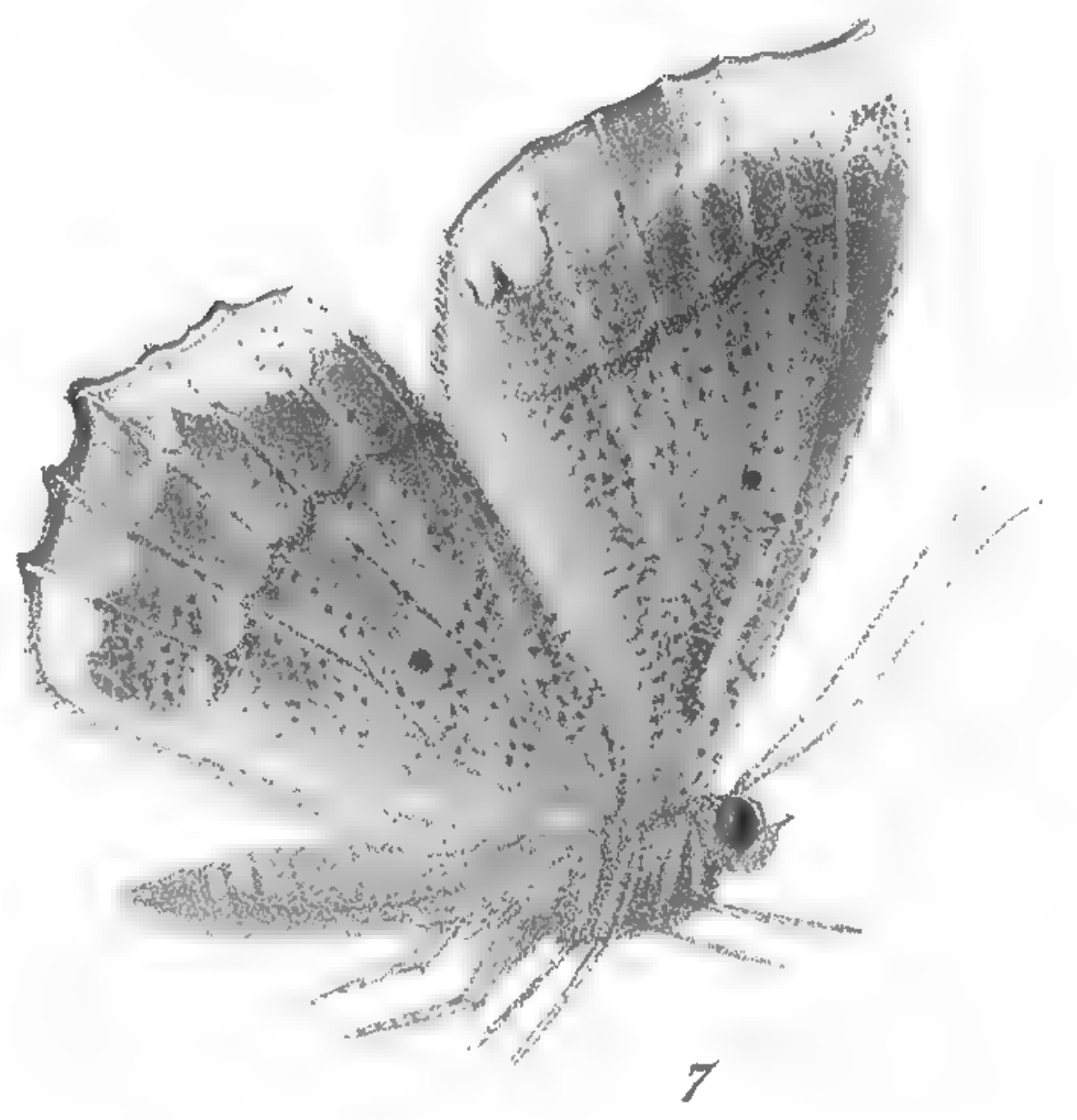
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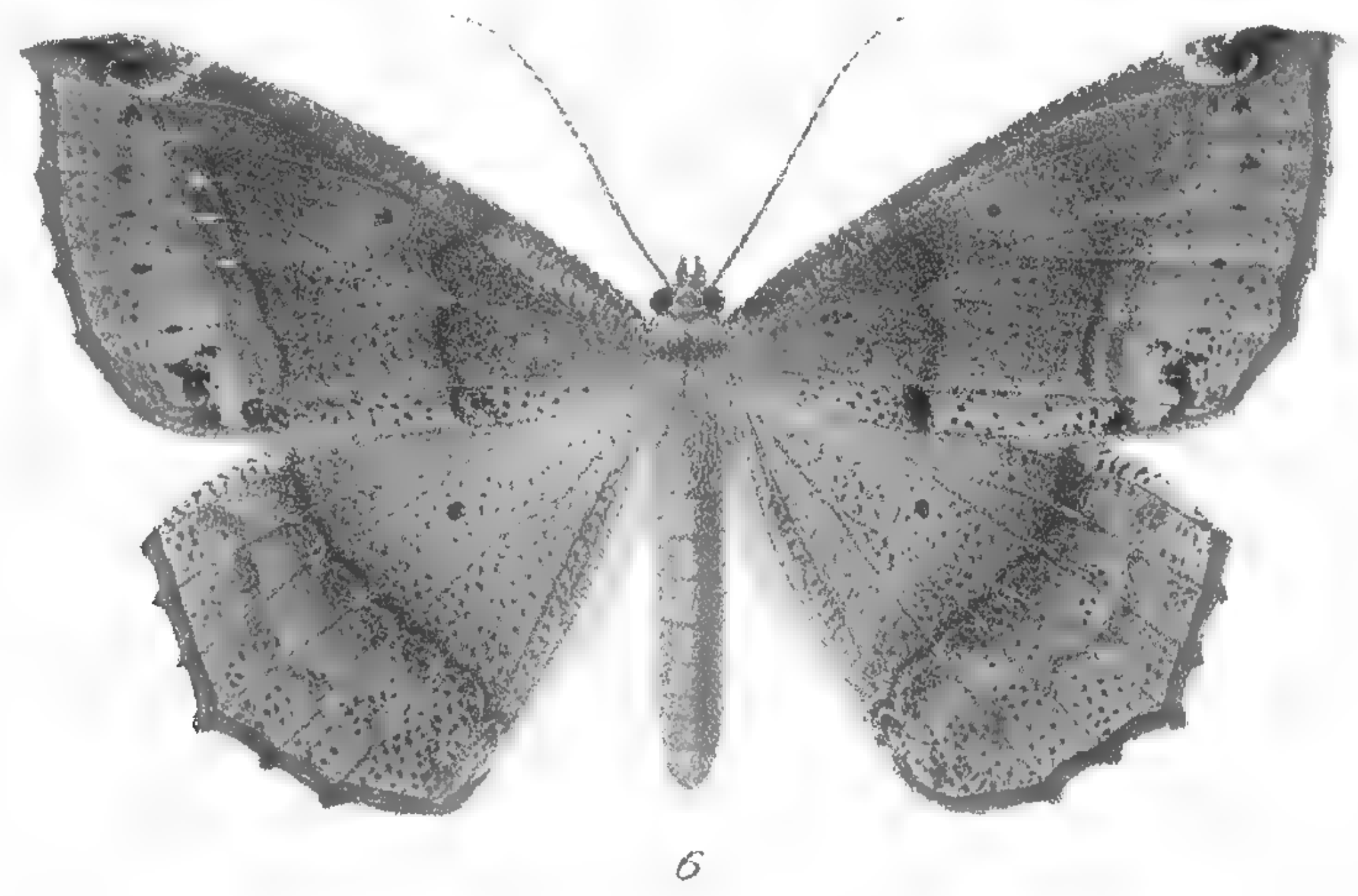
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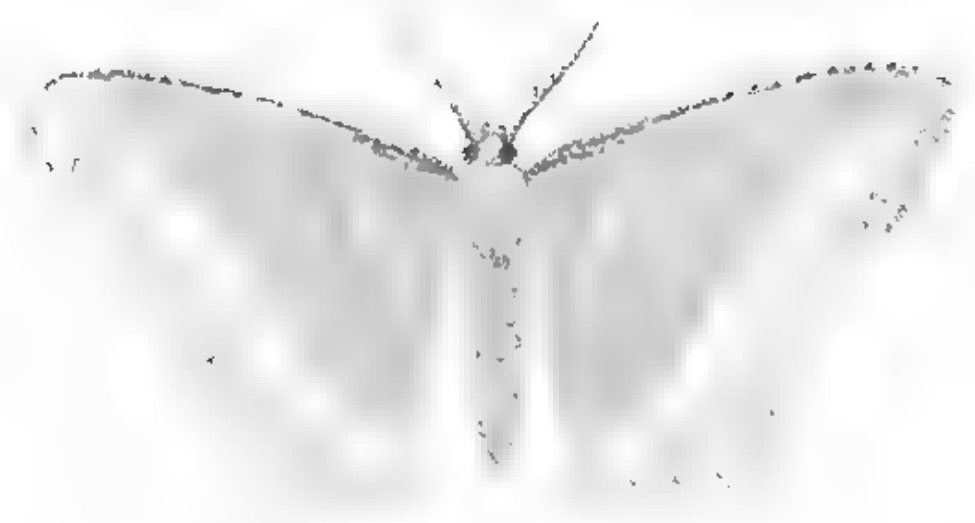
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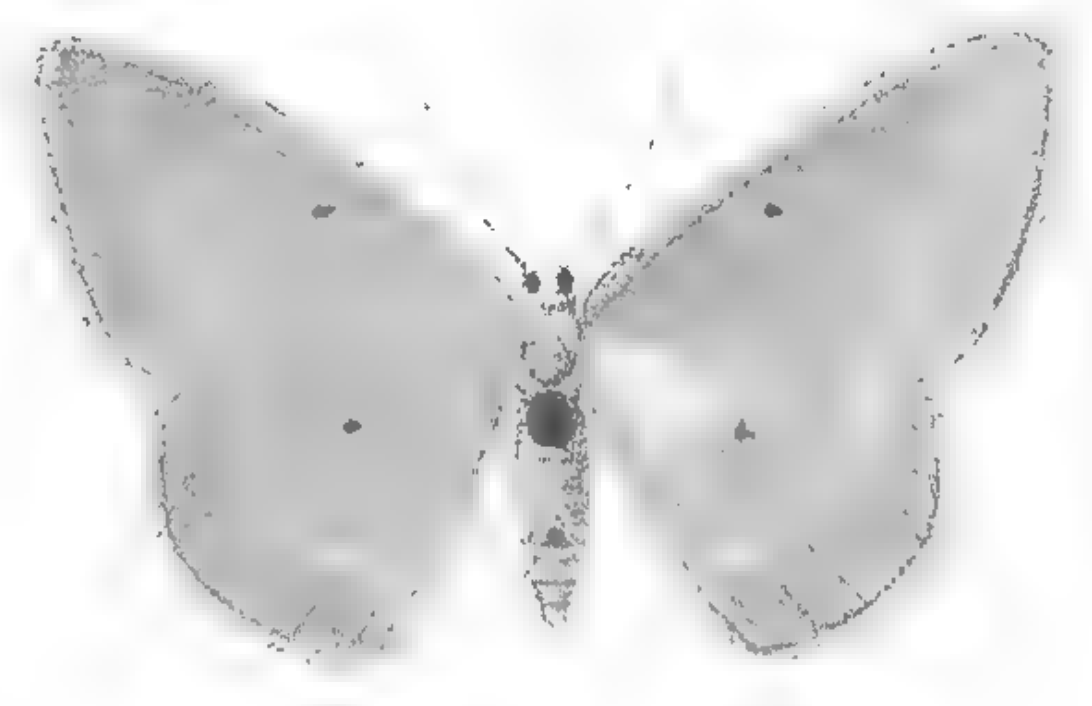
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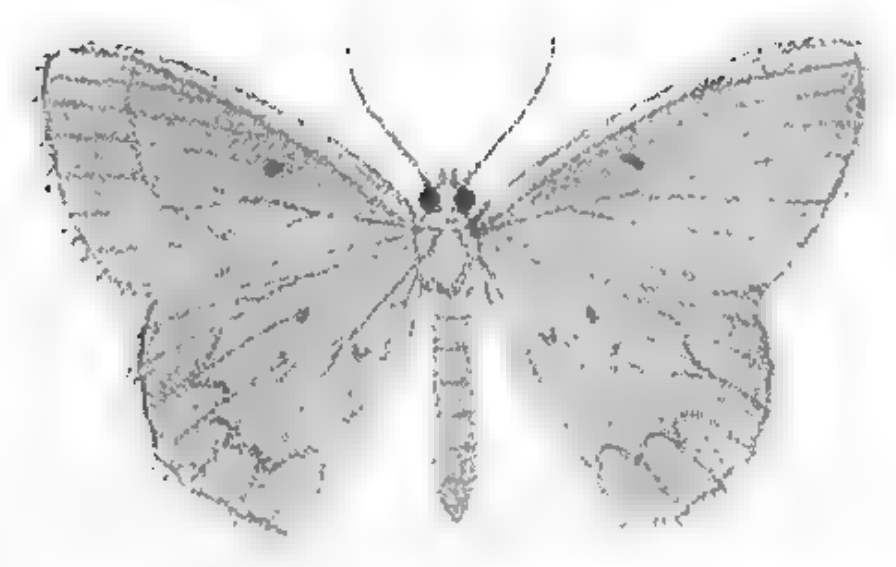
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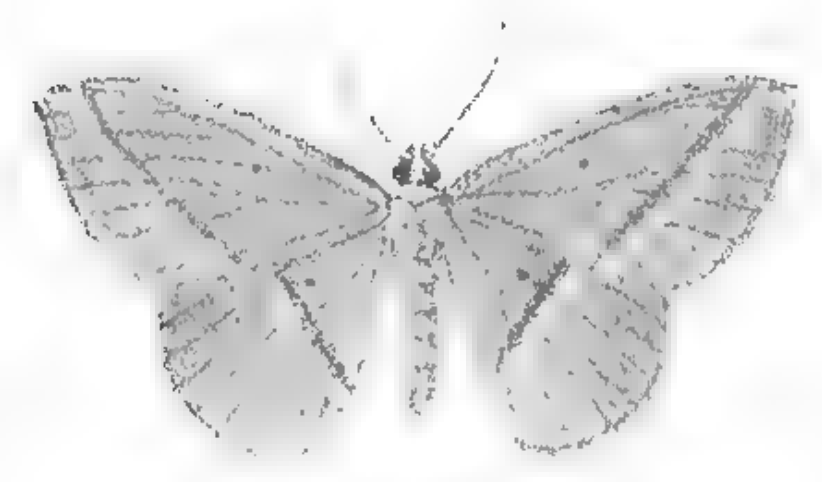
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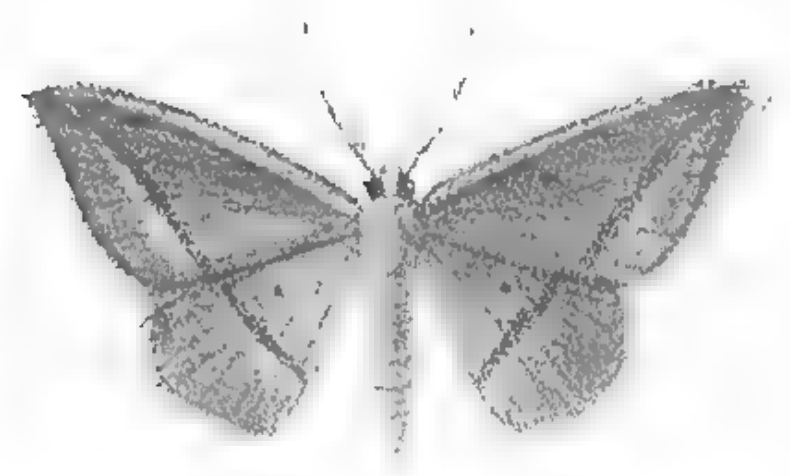
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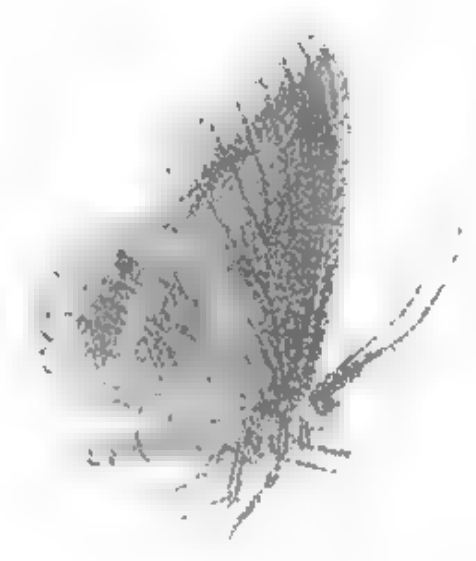
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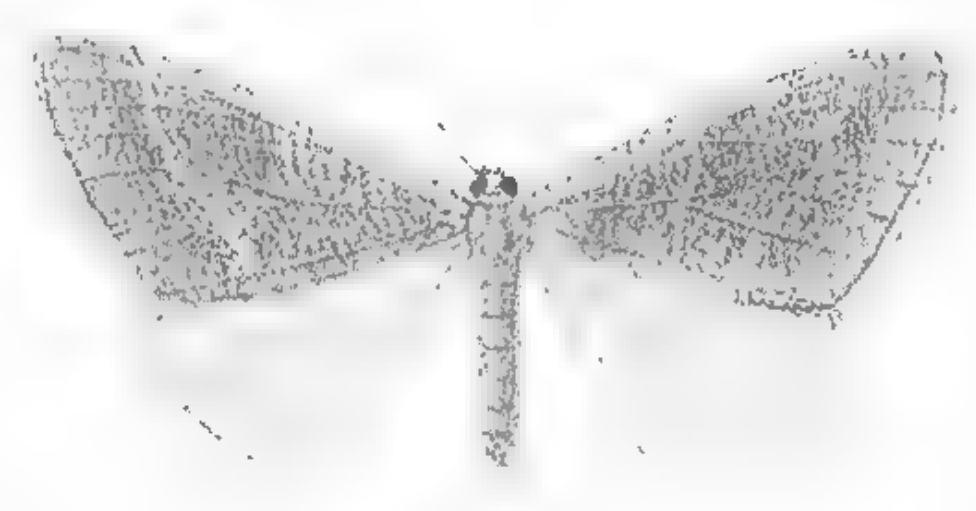
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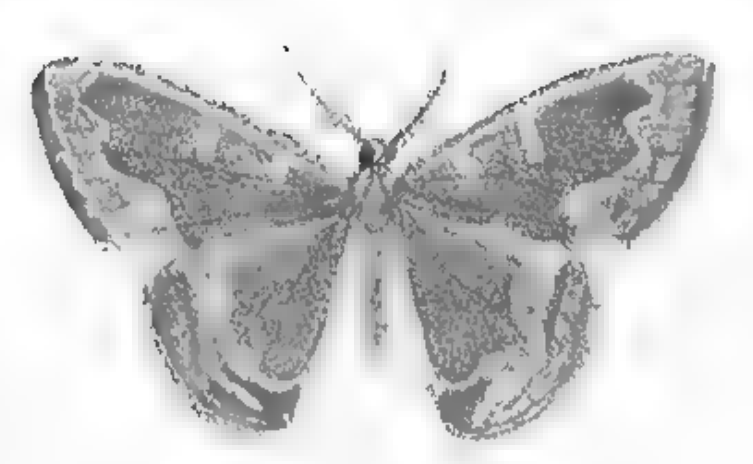
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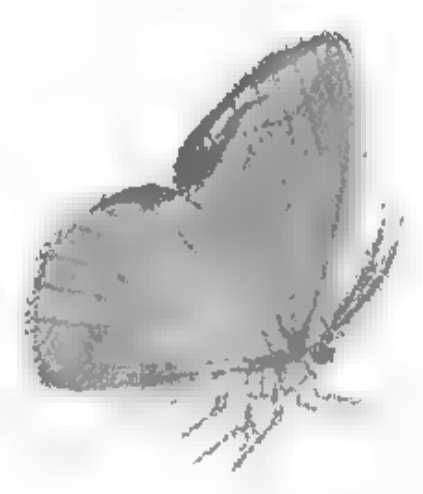
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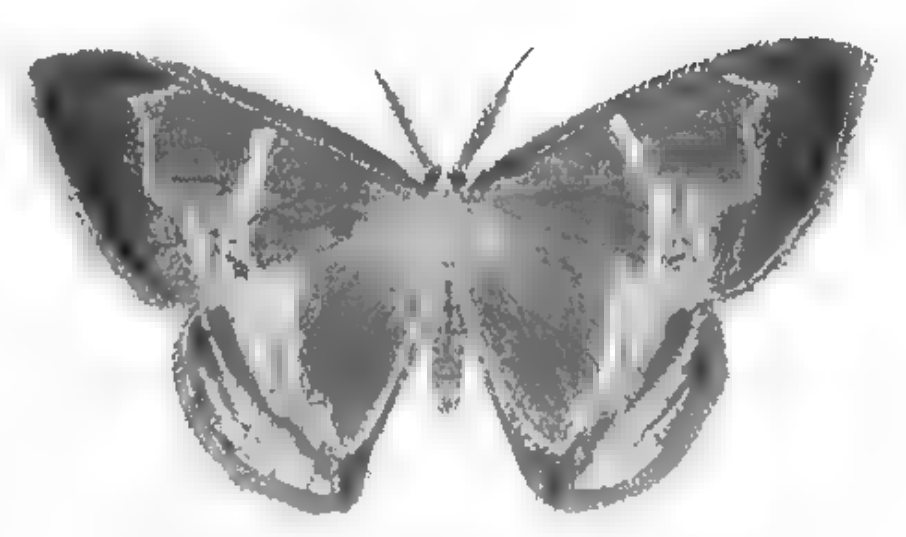
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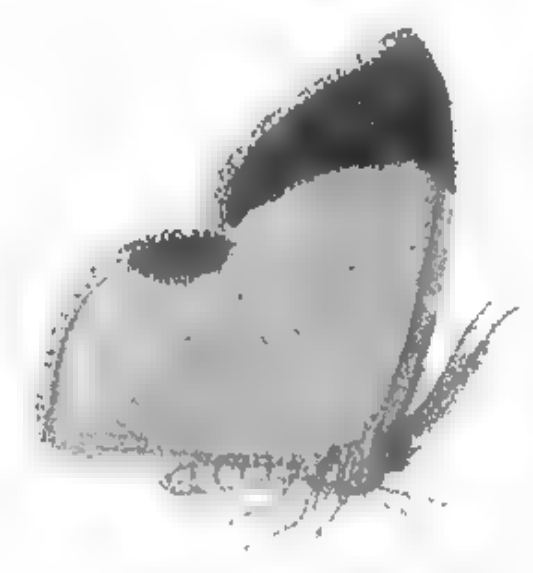
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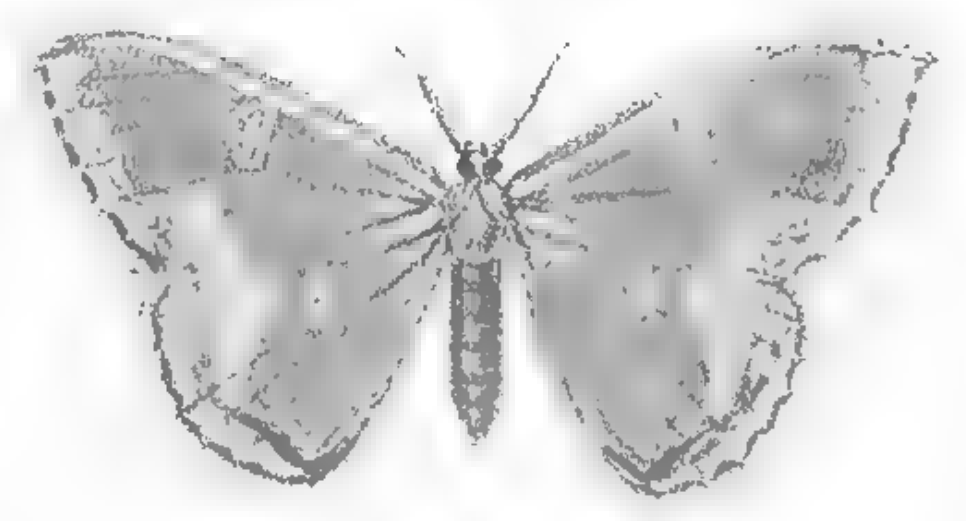
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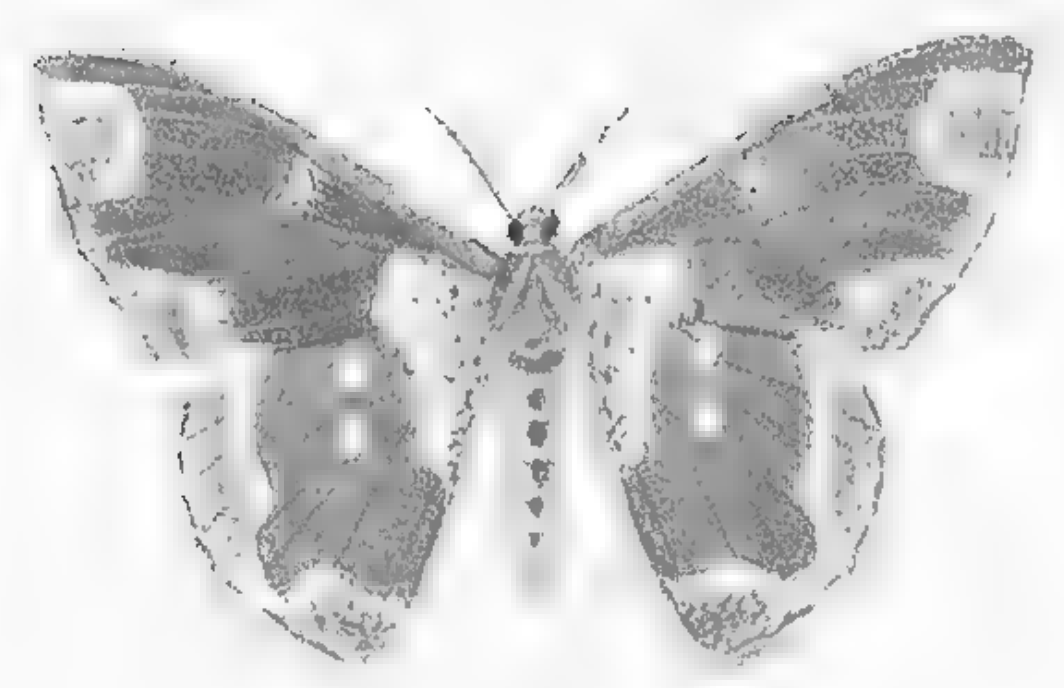
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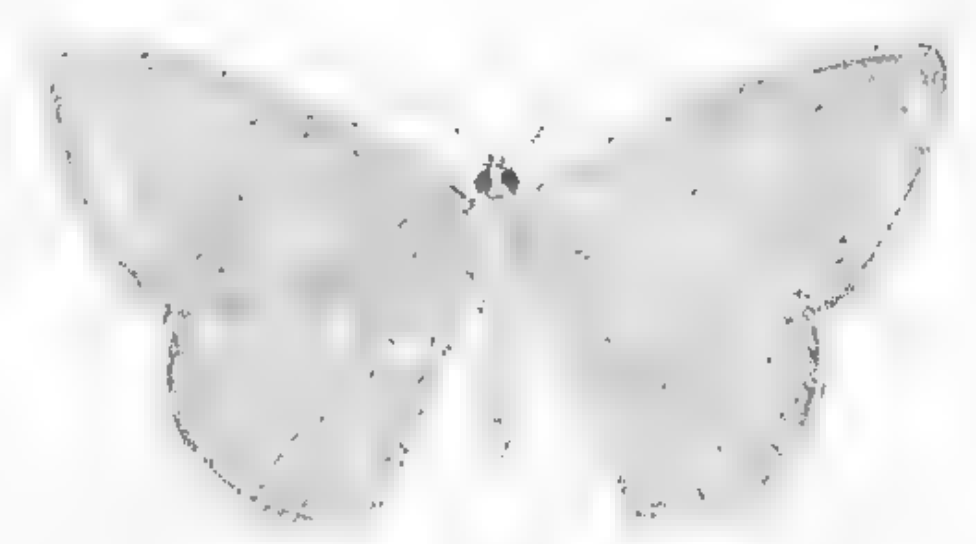
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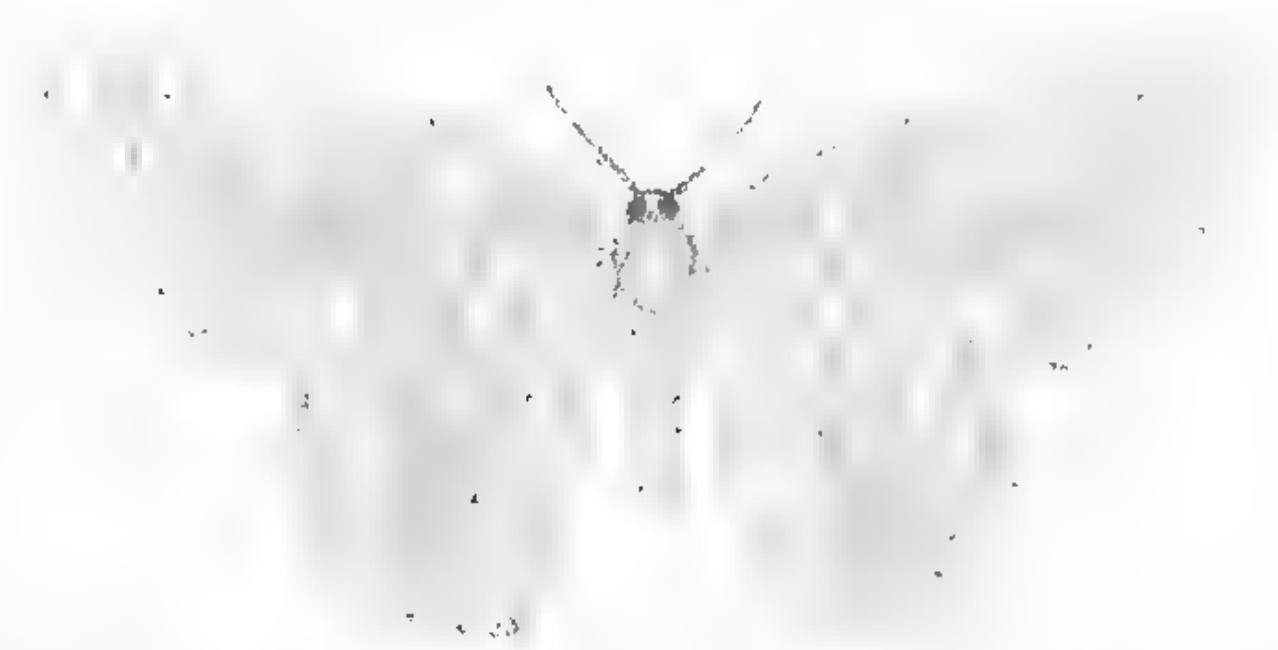
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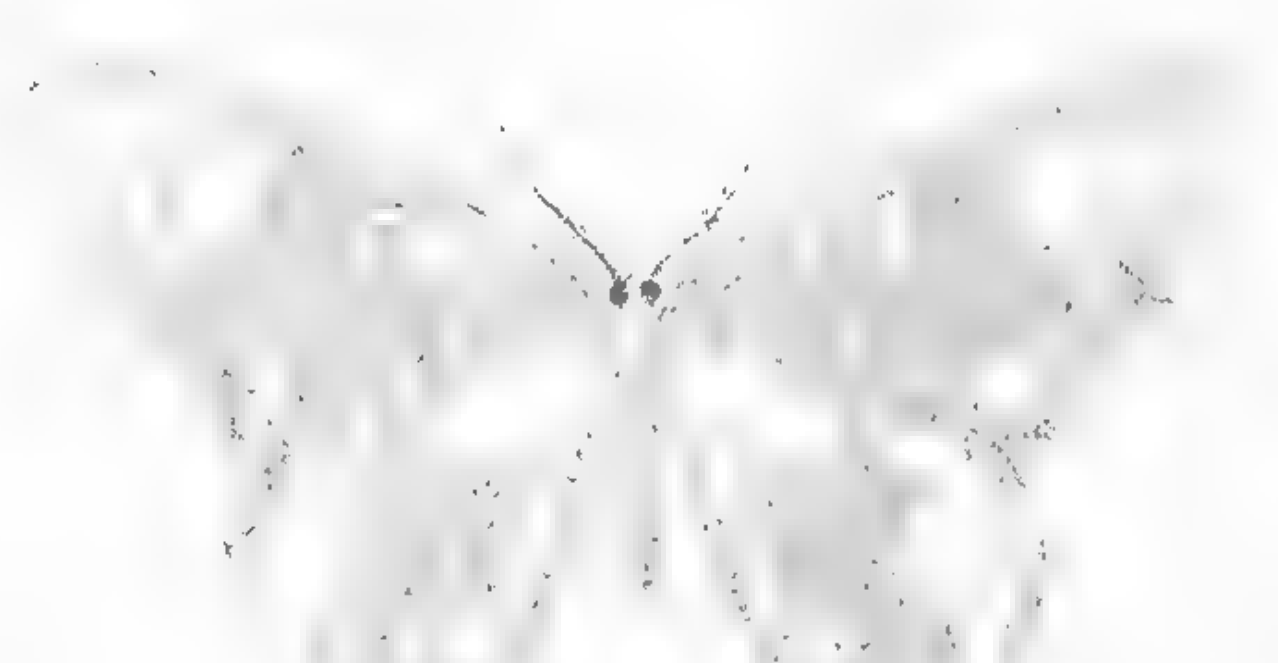
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1♂ BRONCHELIA SUBRORARIA.
2♂ " NASICA.
3♂ " DETEXTA.
4♂ " CONJUGARIA.
5♂ GEOMETRA IRIDARIA.
6,7♂ BONATEA DUCIATA.

8♀ GEOMETRA CARBINA.
9♂ " ATURIA.
10♂ NEMORIA IRIS.
11,12♂ " ASSA.
13♀ OMPHAX NÆNIA.
14,15♂ COMIBÆNA VENEZUELATA.

16,17♂ COMIBÆNA BELISAMA.
18♂ " INVASATA.
19♂ " CALLICULA.
20♂ ANAPLODES PISTACIARIA.
21♂ RACHEOSPILA ARYCANDA.
22♂ " ATHENA.

W. Purkiss lith.

Hanhart imp.
595.

Blue
Cyan
Green
Yellow
Red
Magenta
White
3/Color
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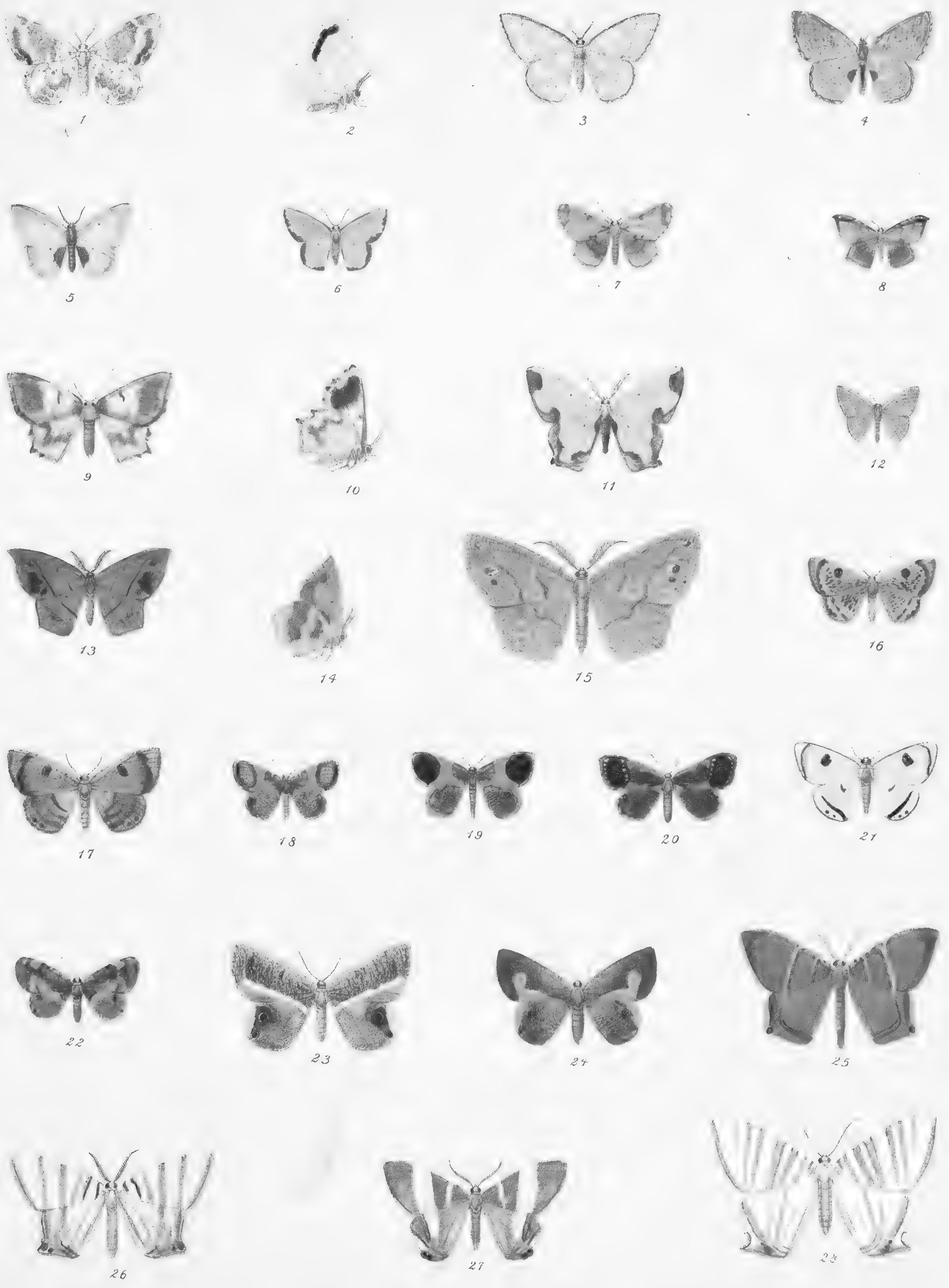
KODAK Color Control Patches
© The Tiffen Company, 2000
Kodak
LICENSED PRODUCT
Centimetres
Inches



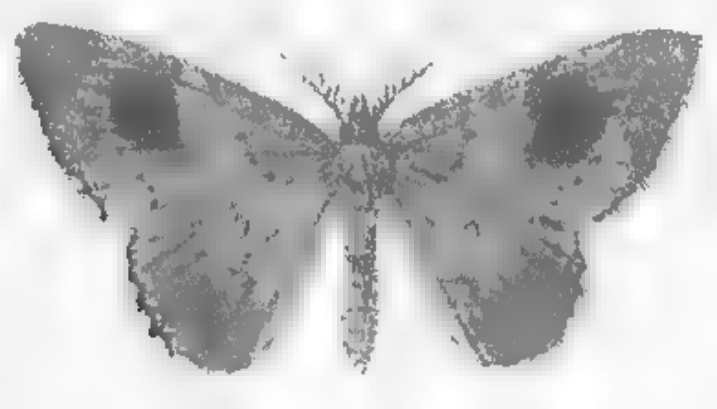
1,2♂ RACHEOSPILA CALLIOPE.
3♂ " MUSTELA.
4♂ " CAPYS.
5♂ " ASTRÆA.
6♀ " ATRAPES.
7♂ " SATISFACTA.
8♂ " BUSA.
9,10♀ " (?)BATINA.

11♂ RACHEOSPILA ASMURA.
12♂ SYNCHLORA (?) NORTIA.
13,14♂ TACHYPHYLE (?) NEIS.
15♂ MECOCERAS AULIS.
16♂17♀ OPHTHALMOPHORA MELÆ.
18♂ " LIMBOGUTTATA.
19♂20♀ " ASOPIS.

21♂ OPHTHALMOPHORA ALBA.
22♀ " ASPLEDON.
23 " BELLA.
24♀ " MOLPADIA.
25♂ BYSSODES APPROPRIATA.
26♂ " NÆVIA.
27♂ " MILETIA.
28♀ " NAZADA.

W. Purkiss lith.
Hanhart imp.
596.

Blue Cyan Green Yellow Red Magenta White 3/Color Black
KODAK Color Control Patches © The Tiffen Company, 2000 Kodak LICENSED PRODUCT
Centimetres Inches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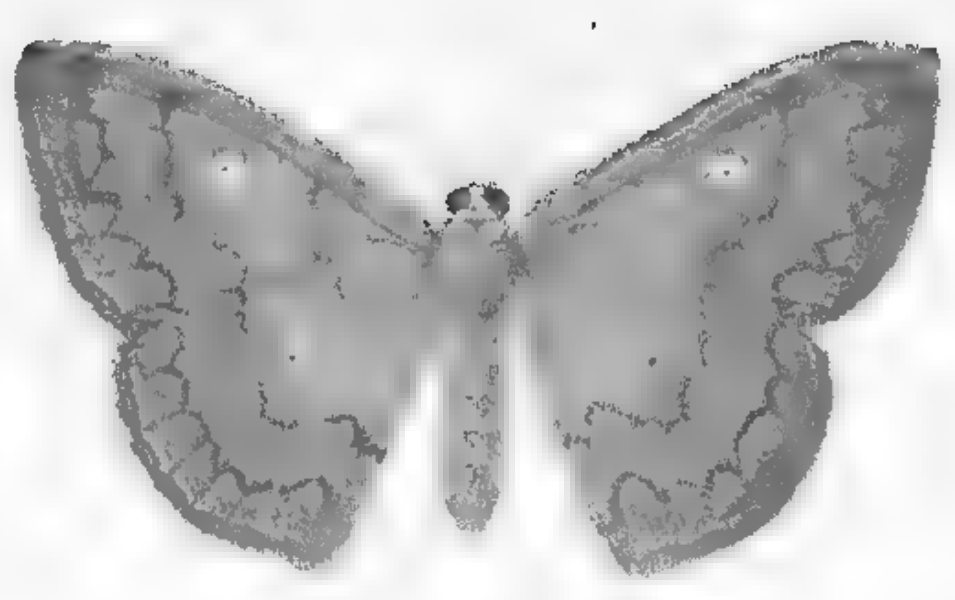
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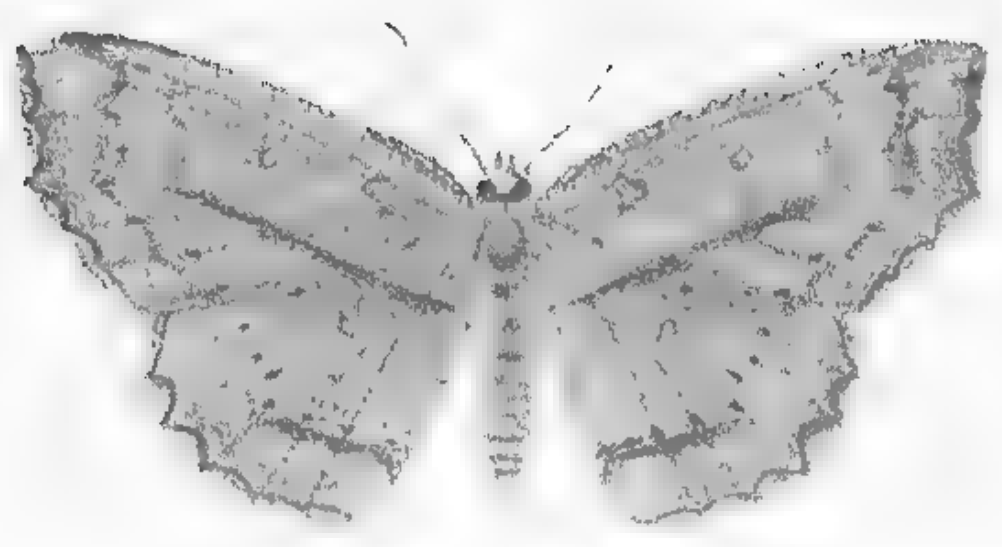
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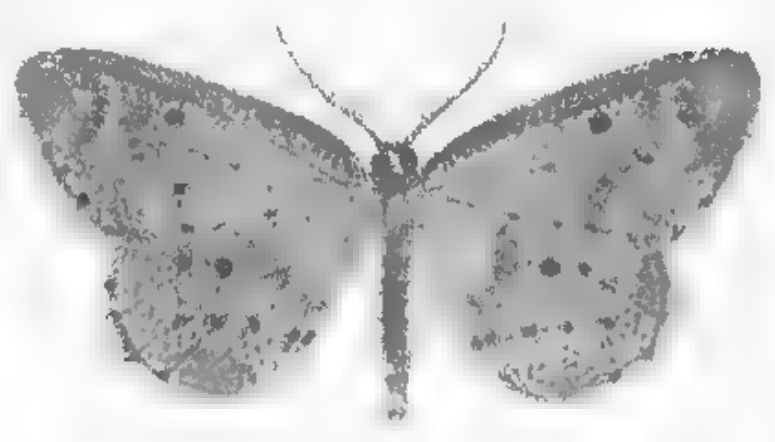
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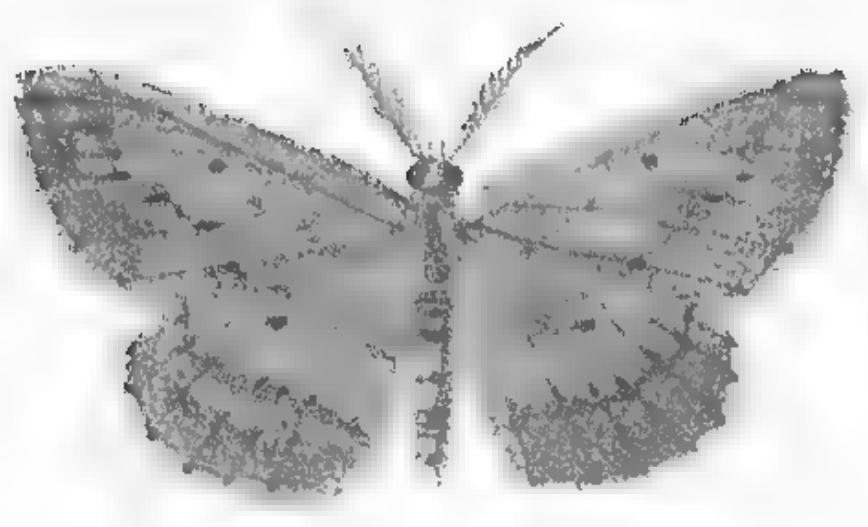
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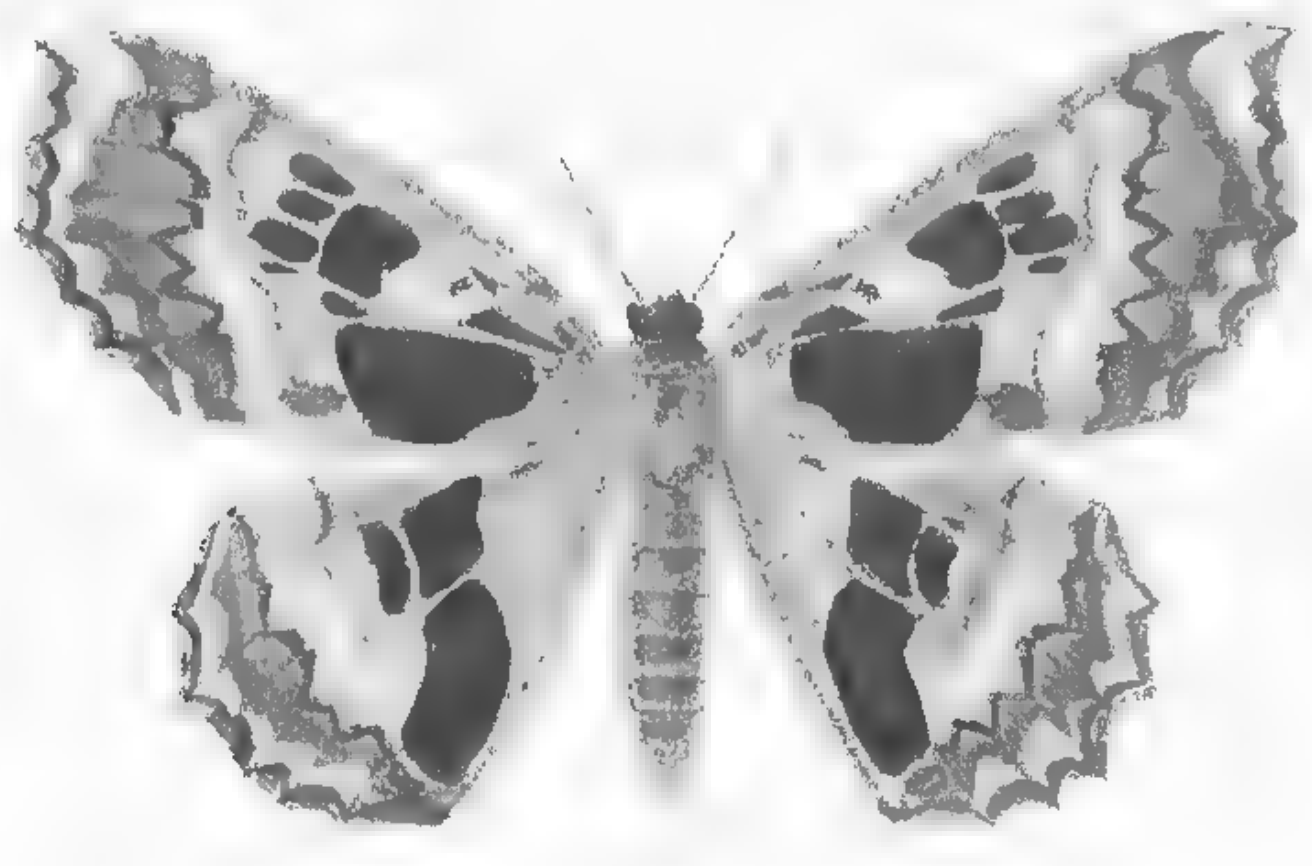
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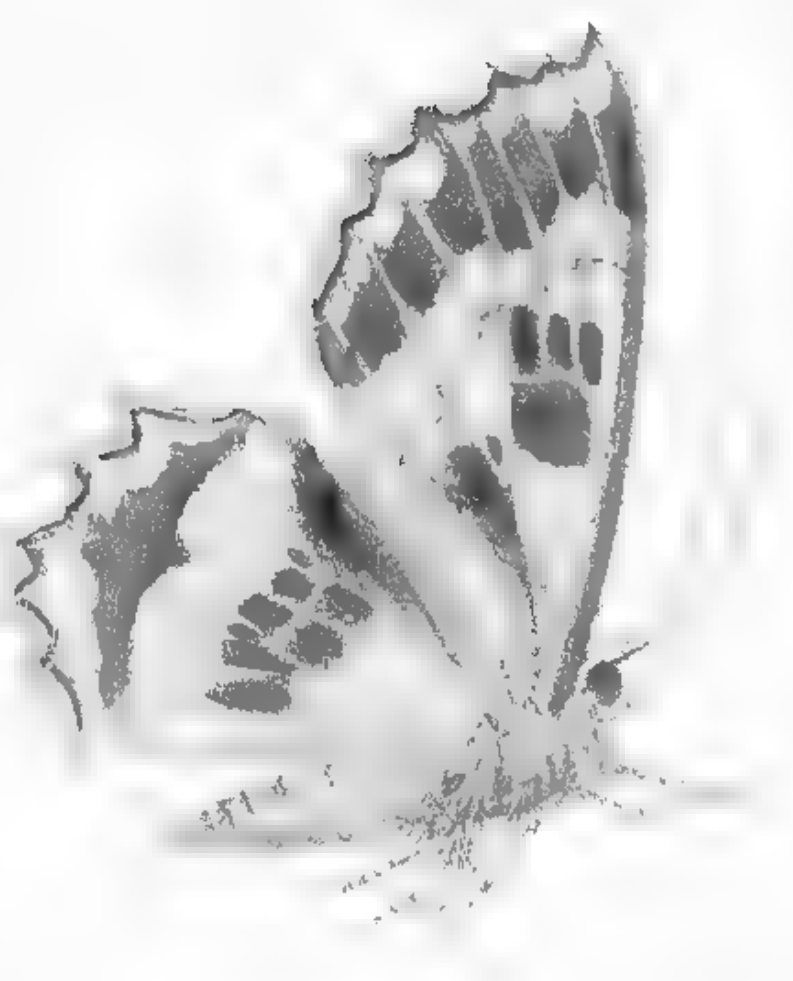
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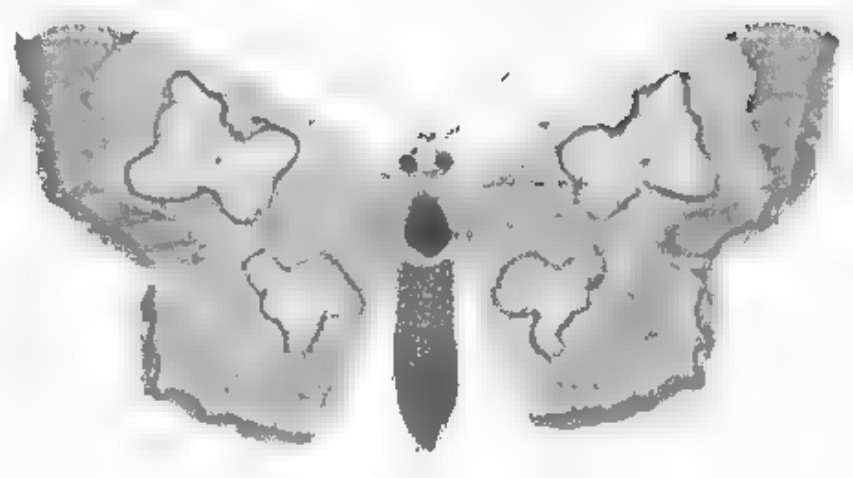
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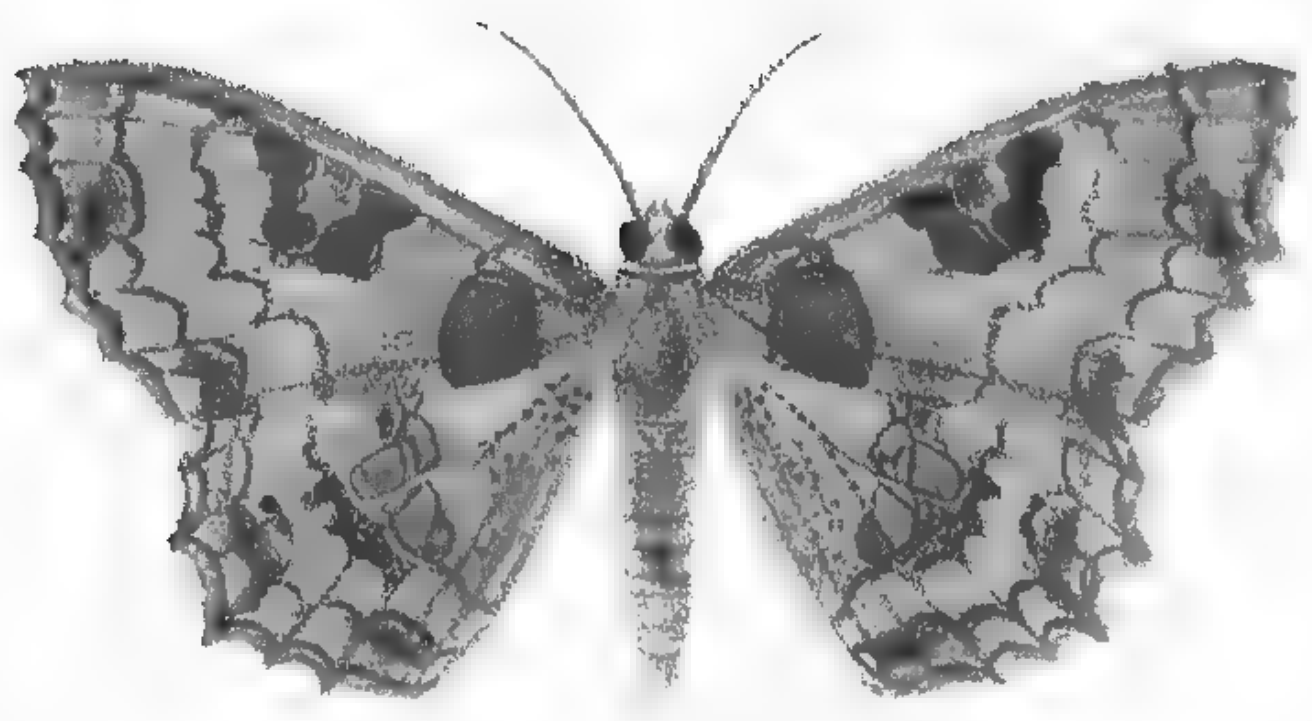
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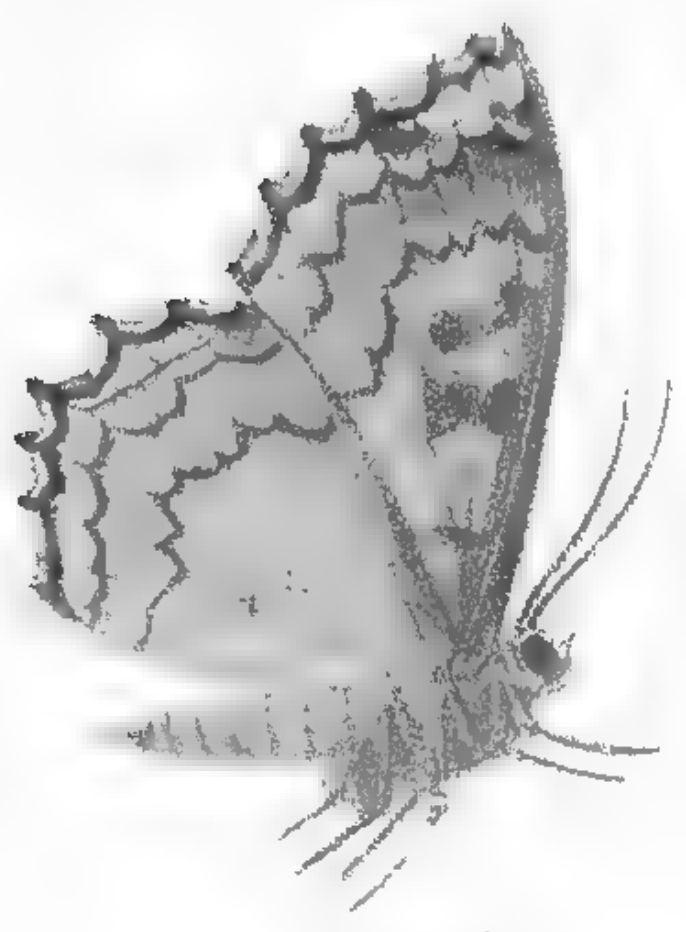
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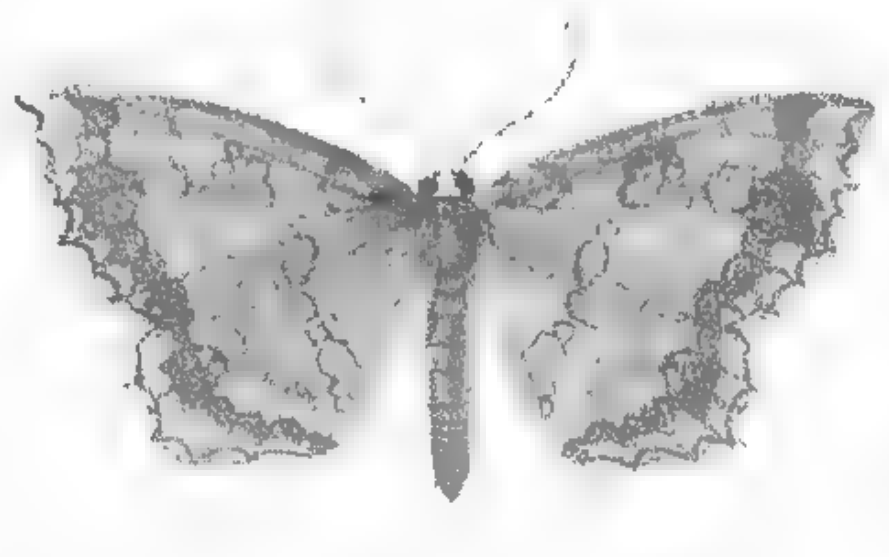
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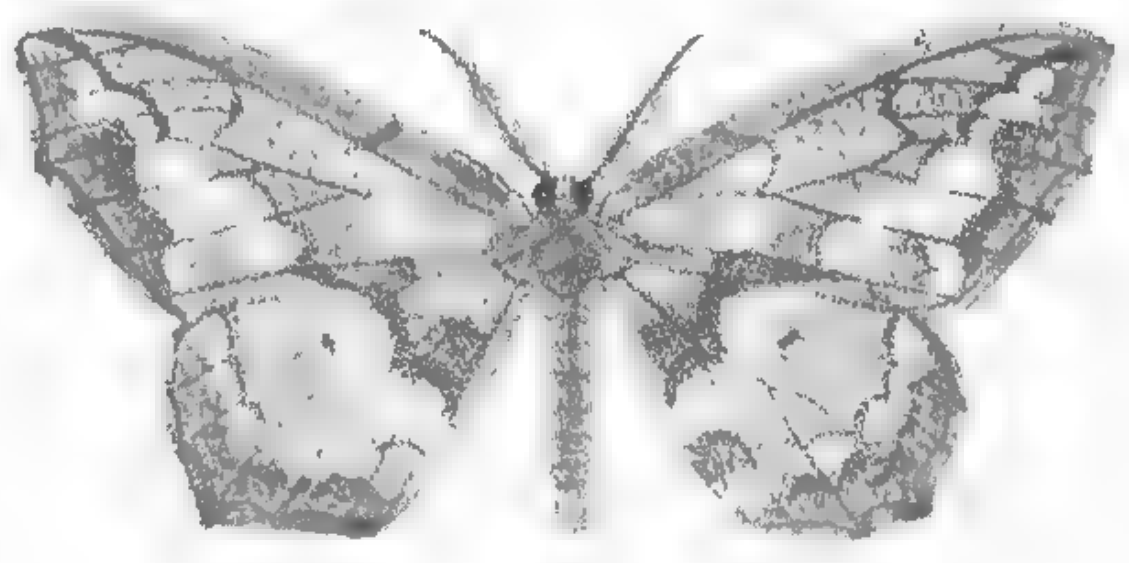
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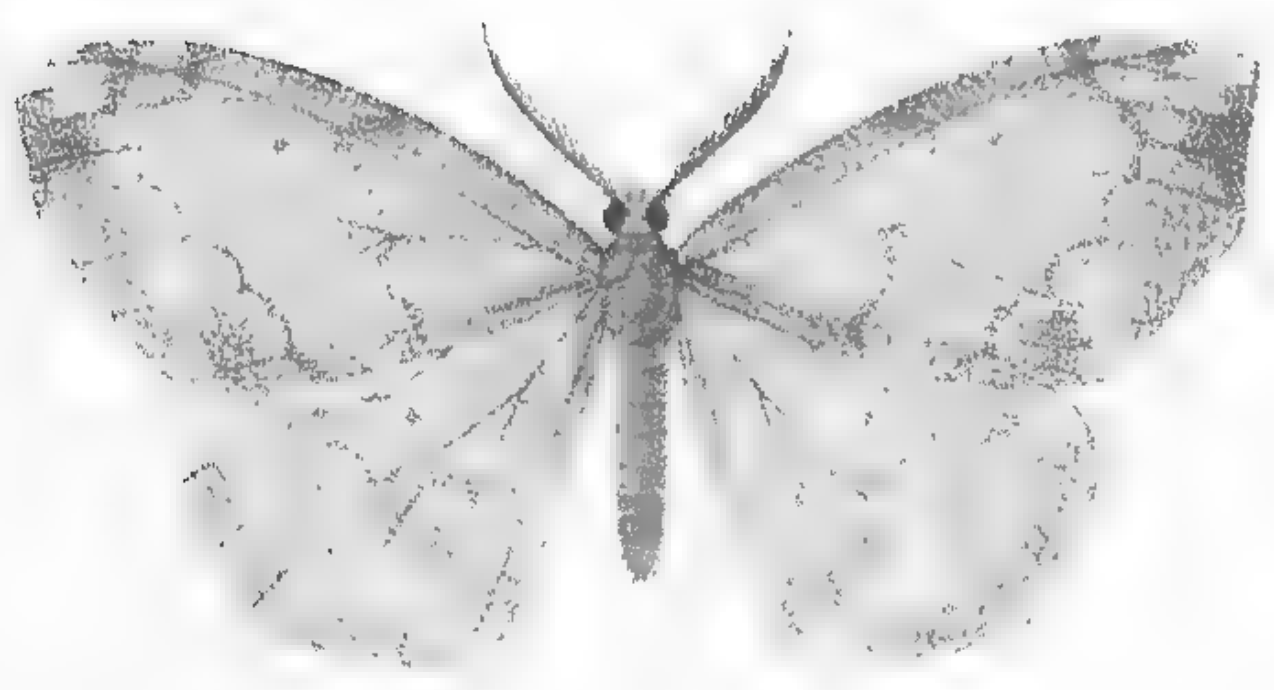
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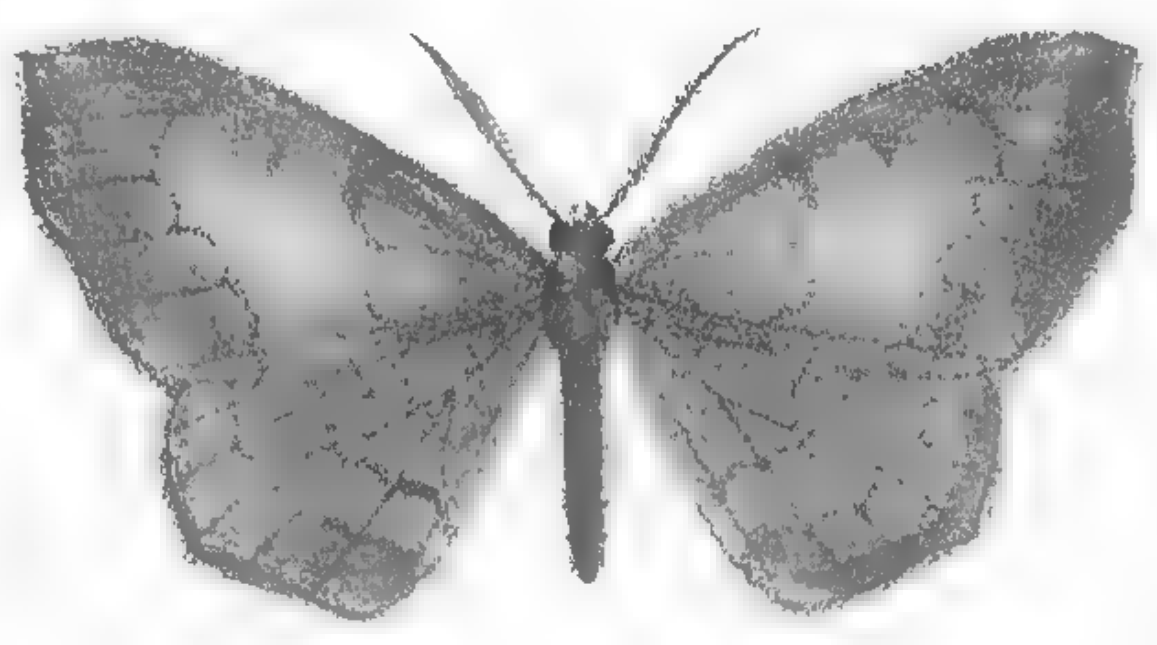
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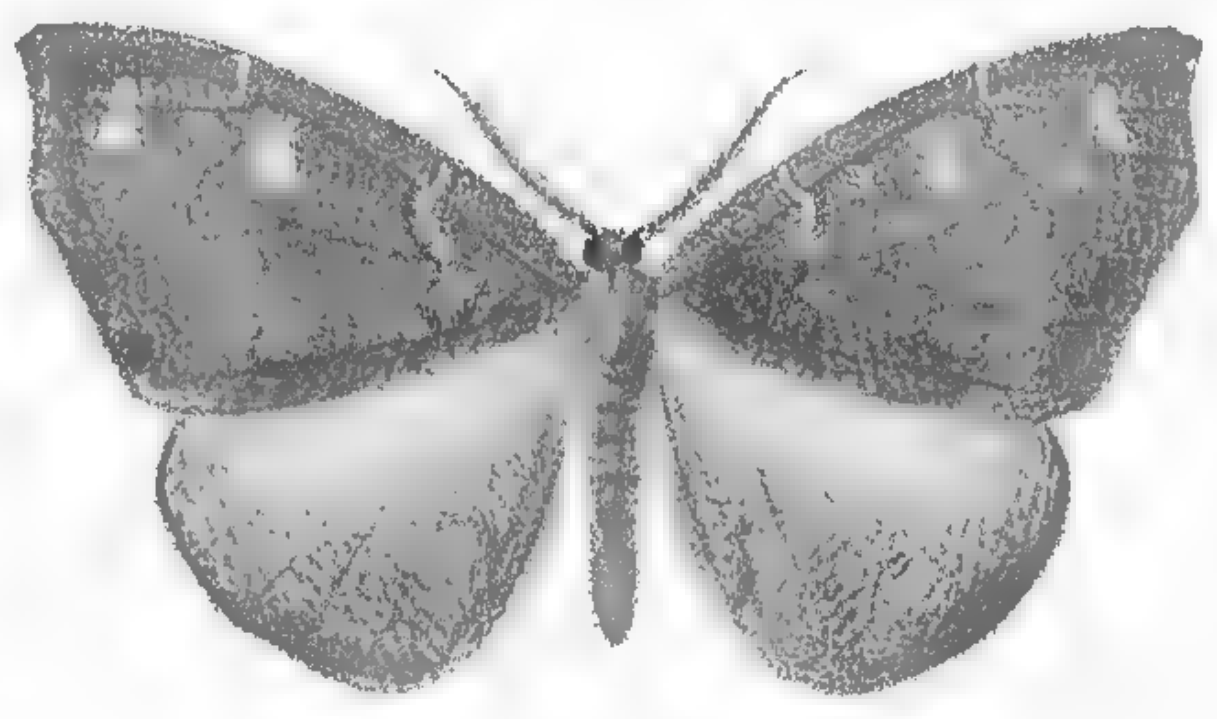
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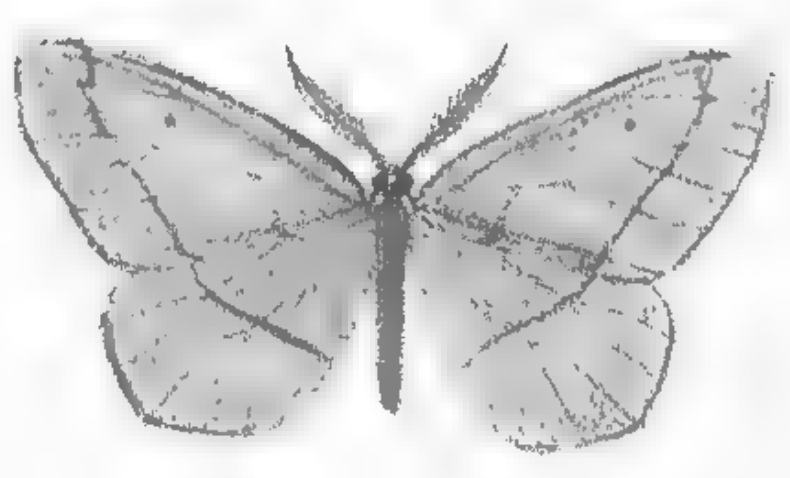
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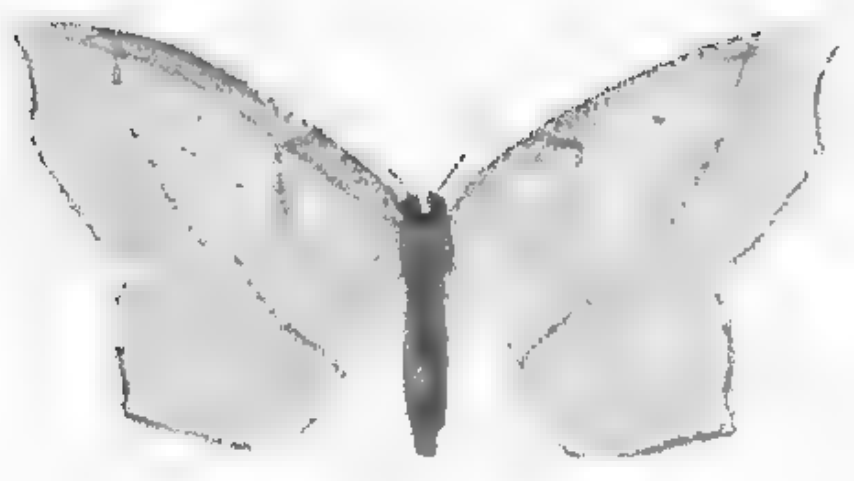
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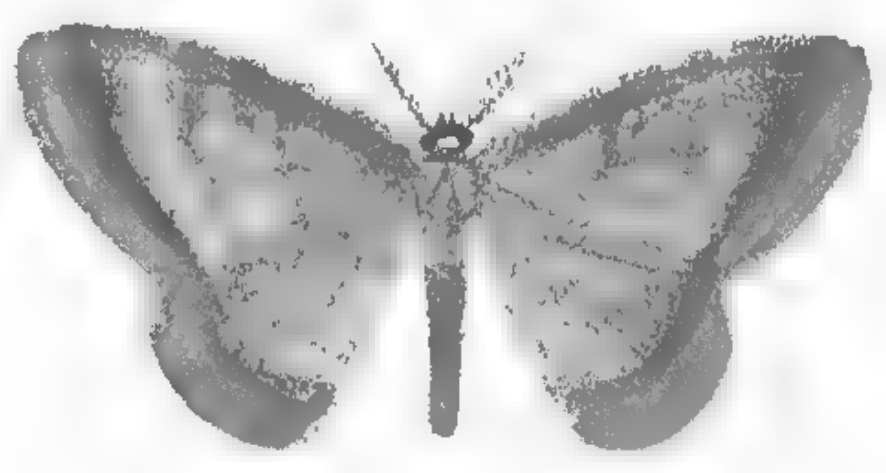
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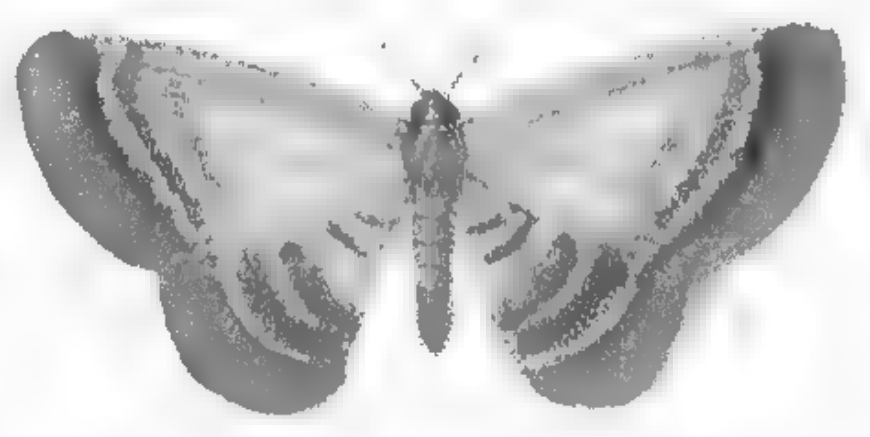
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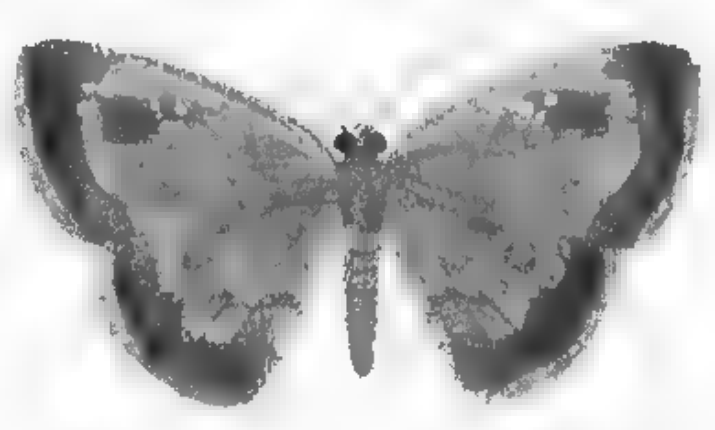
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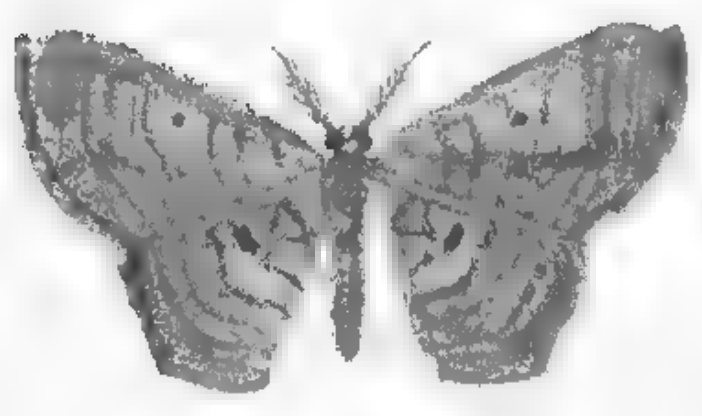
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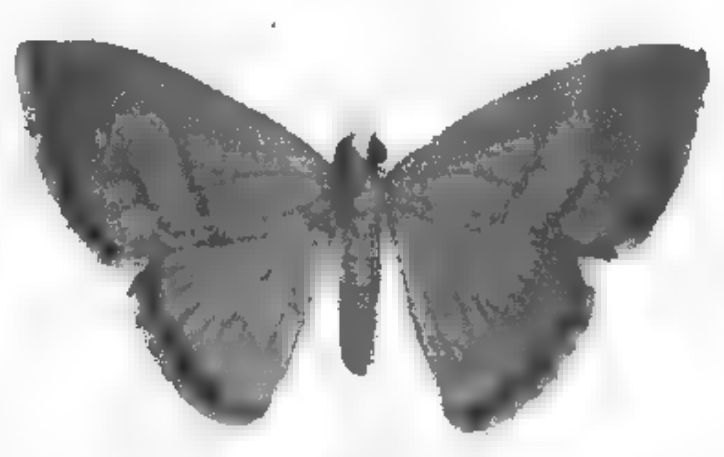
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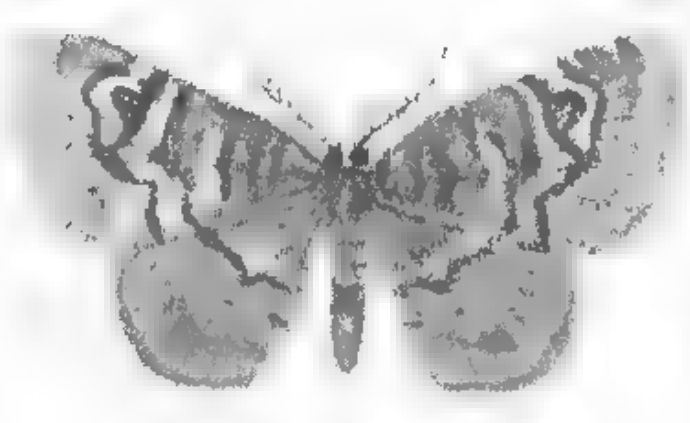
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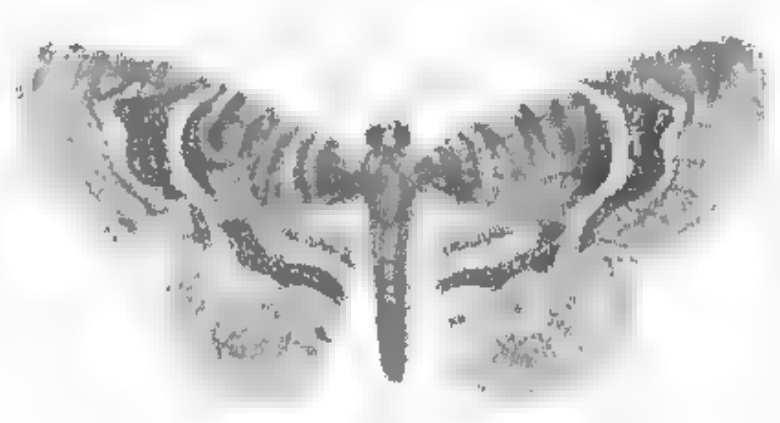
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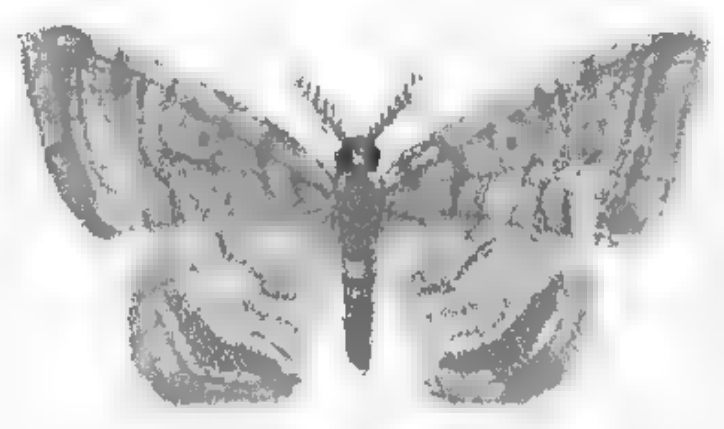
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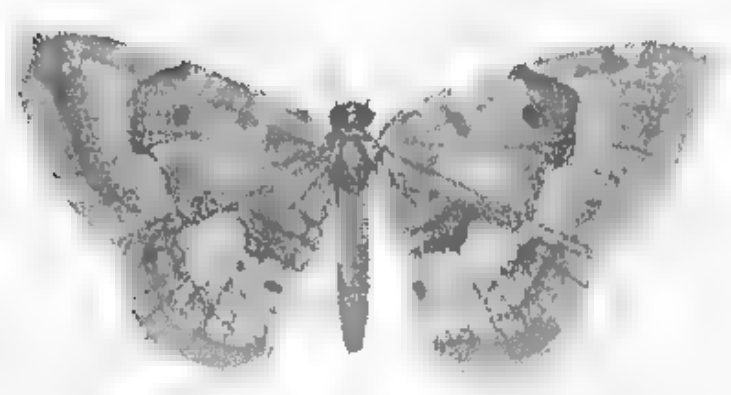
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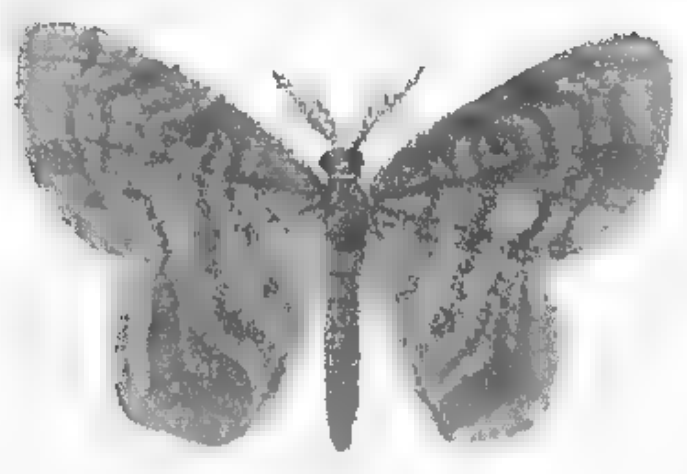
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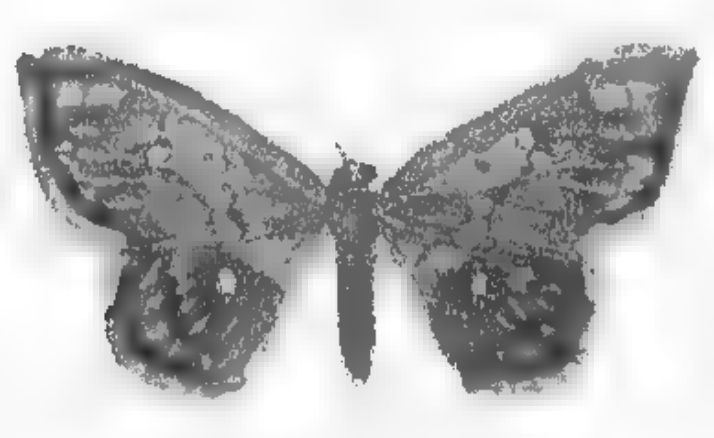
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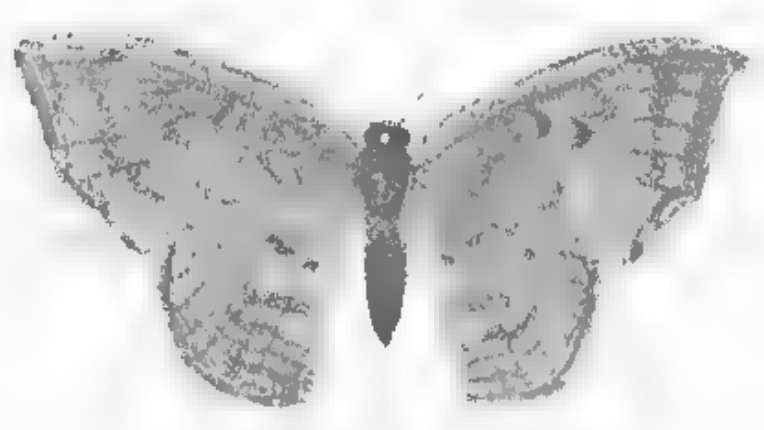
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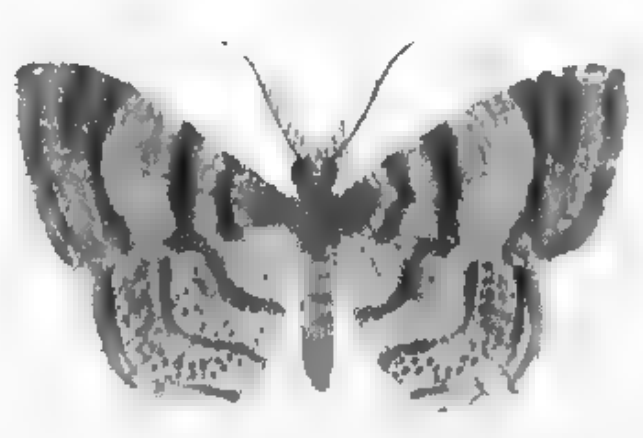
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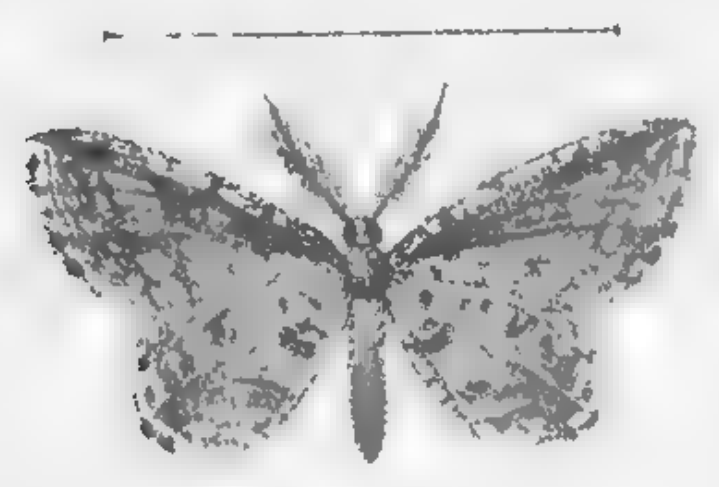
1♂ EPHYRA MEGISTA.
2♀ " CITRINA.
3♀ ANISODES MELITIA.
4♂ " CALETRA.
5♂ " CARBINA.
6,7♂ TRYGODES MUSIVARIA.
8♀ ASELLODES LATERNARIA.
9,10♂ TRYGODES NIOBE.

11♂ TRYGODES MERTA.
12♂ " ATEGUA.
13♂ " MELIA.
14♂ " CALLAS.
15♂ " CARBANIA.
16♂,17♀ " (?) AUXESIA.
18♂,19♀ EOIS SUBTECTATA.
20♀ " ASCANTIA.

21♂ EOIS BATEA.
22♀ " CAMMA.
23♂,24♀ " NUNDINA.
25♂,26♀ " OPS.
27♂ " CASSANDRA.
28♀ " (?) ŒNO.
29♀ " CATANA.
30♂ CLETA (?) MINUTA.

W. Purkiss lith.
Hanhart imp.
601.

Biol. Centr. Am. *Heterocera. Tab. 52.*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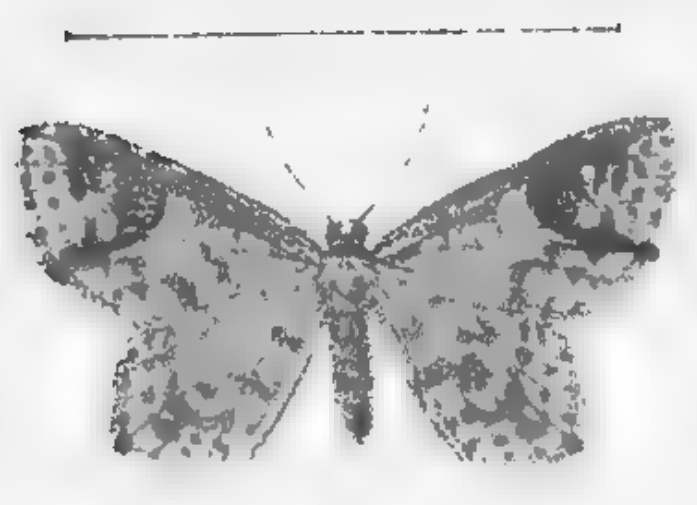
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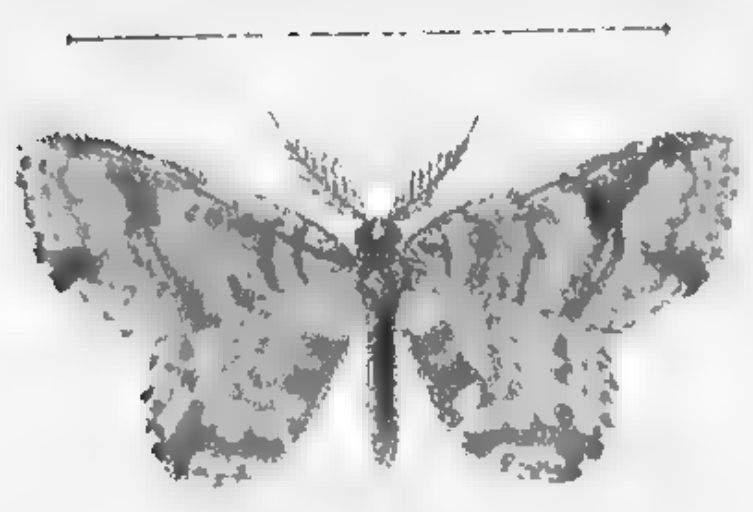
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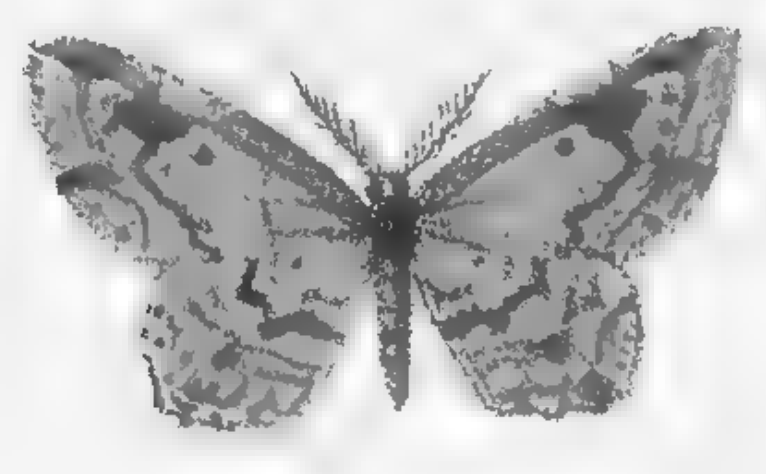
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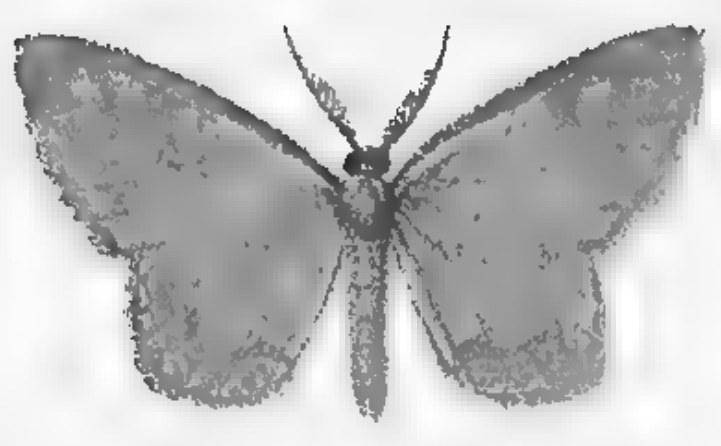
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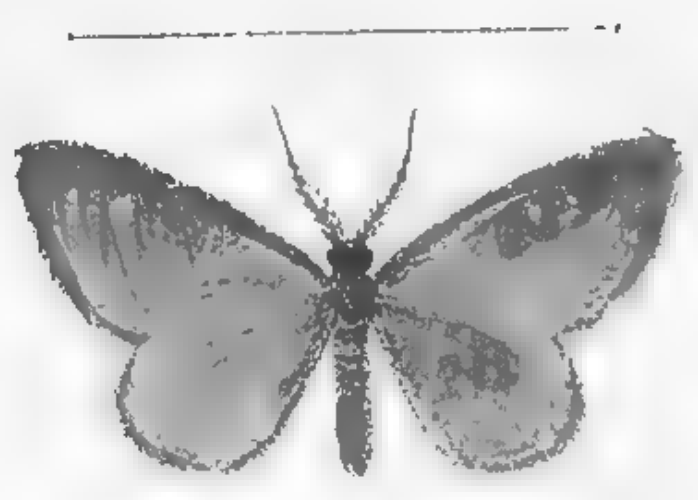
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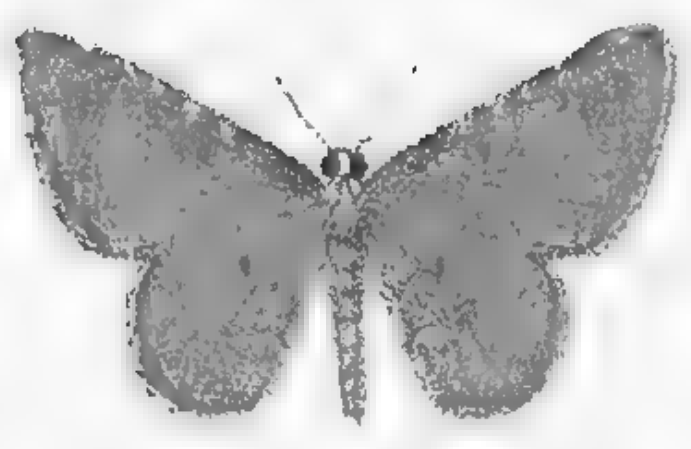
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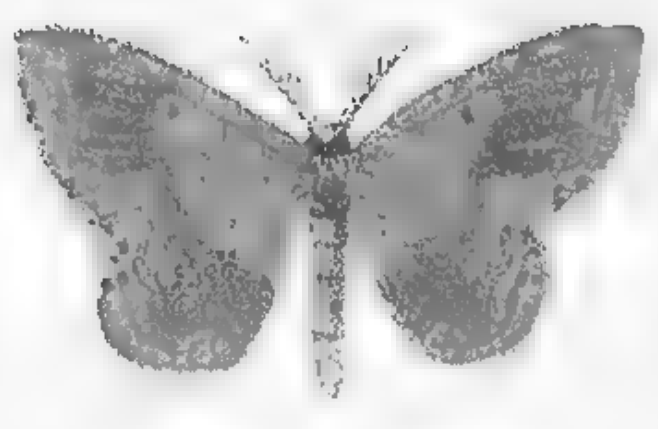
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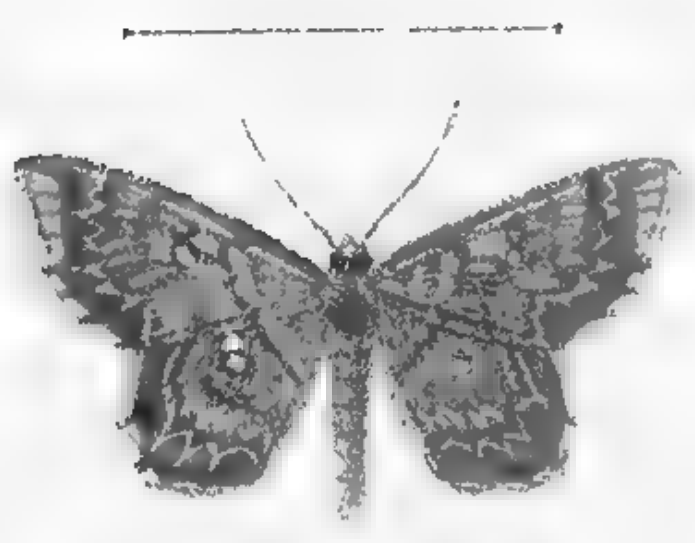
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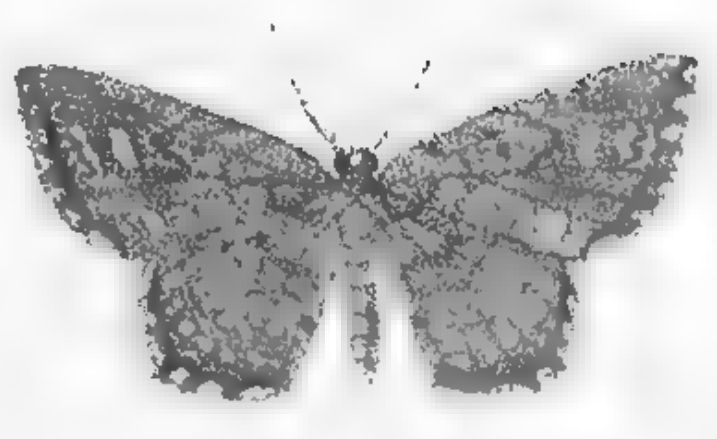
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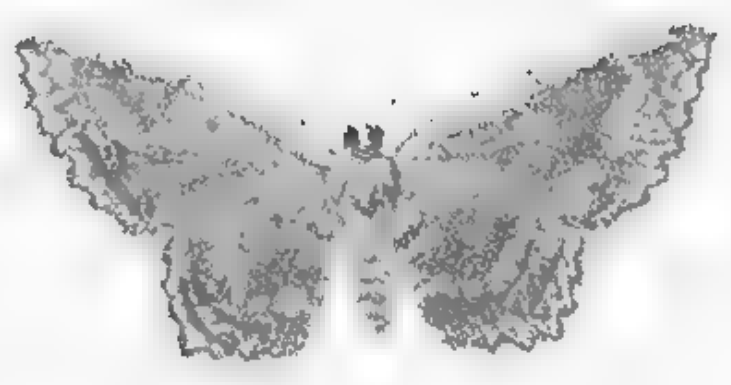
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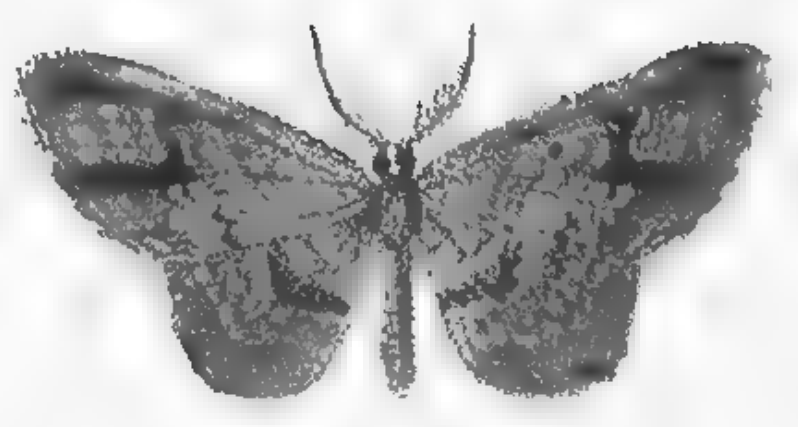
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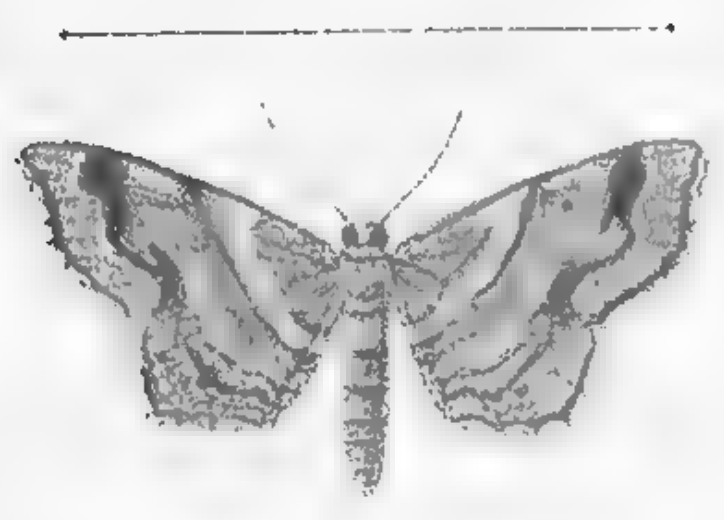
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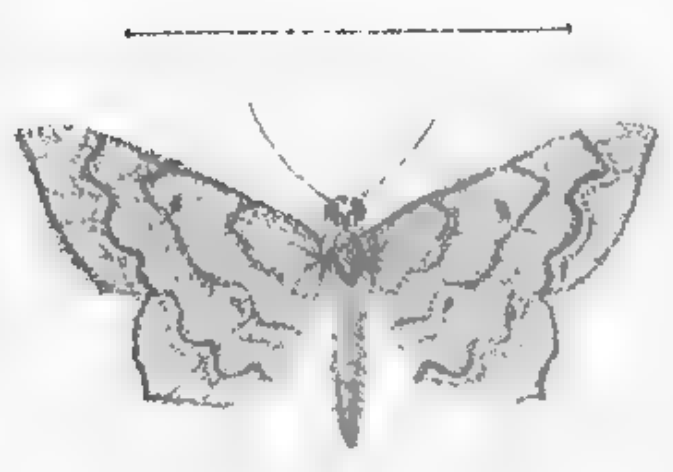
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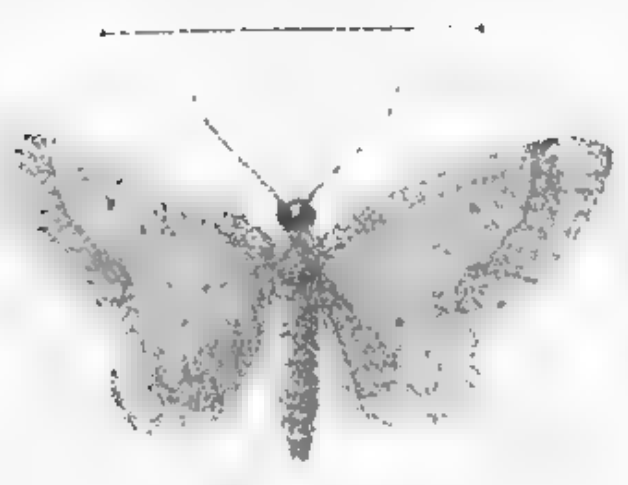
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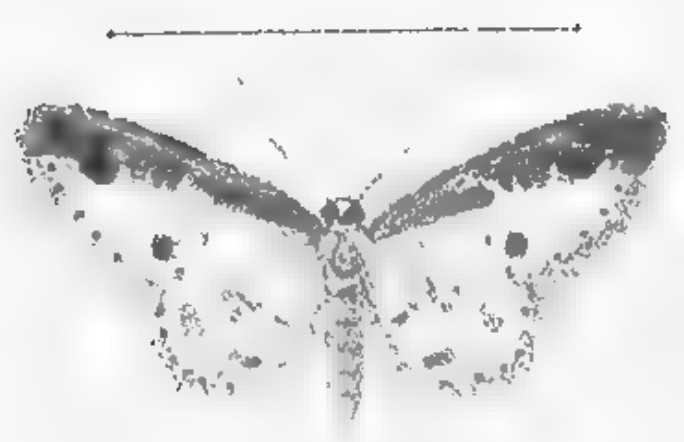
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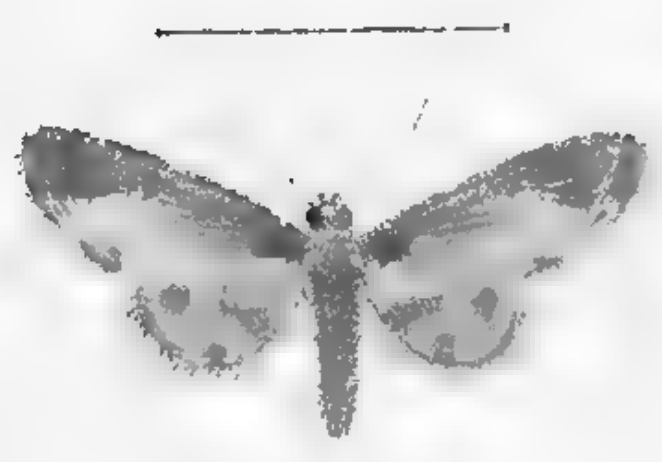
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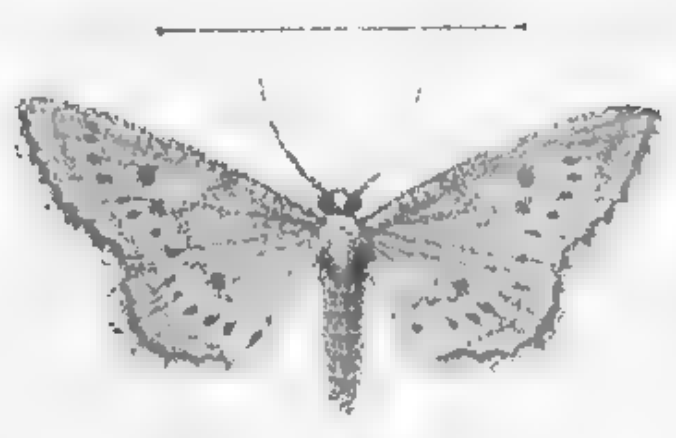
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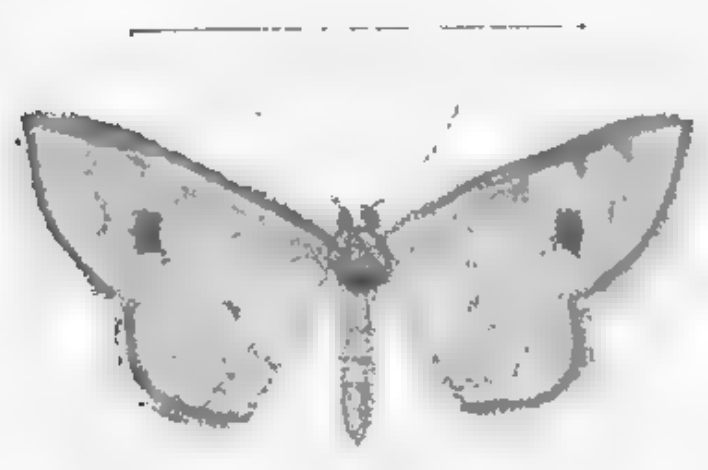
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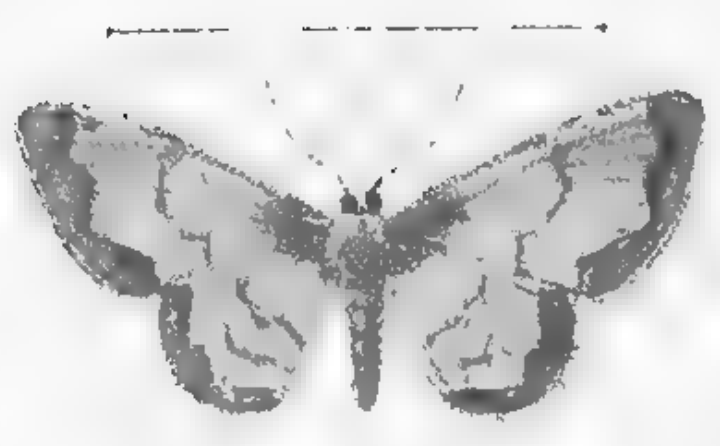
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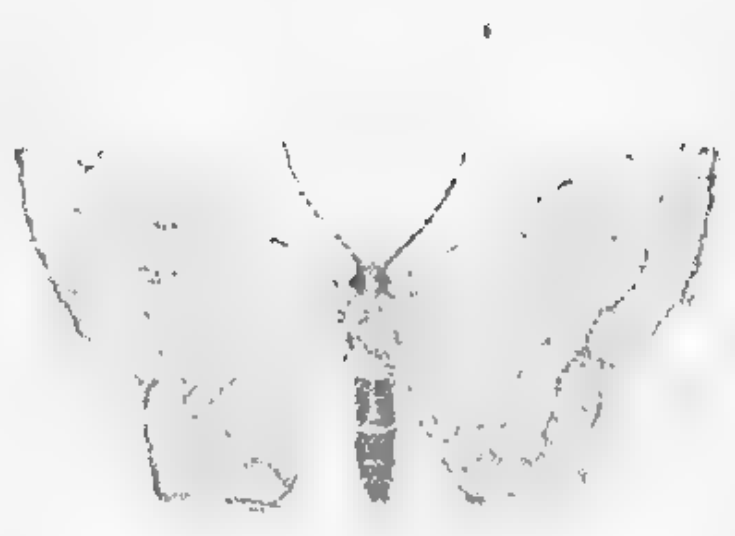
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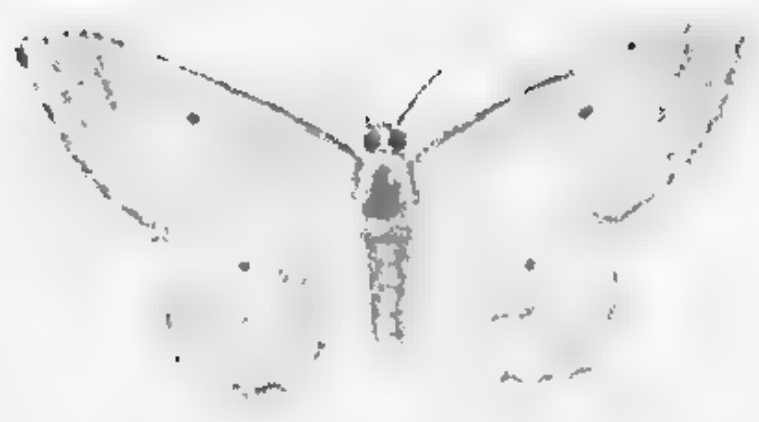
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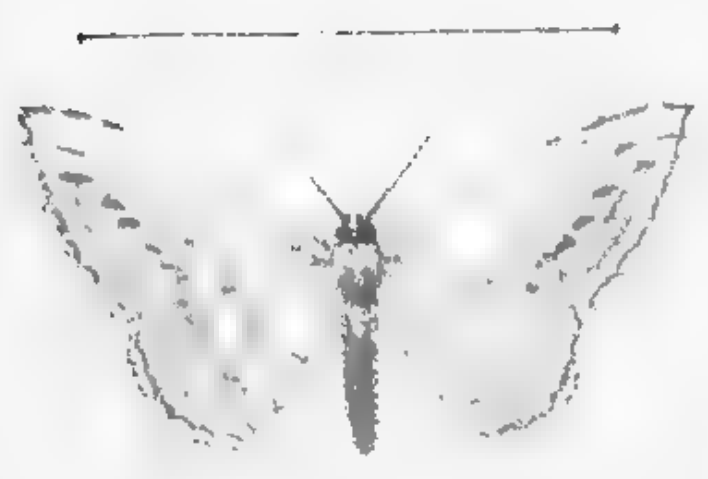
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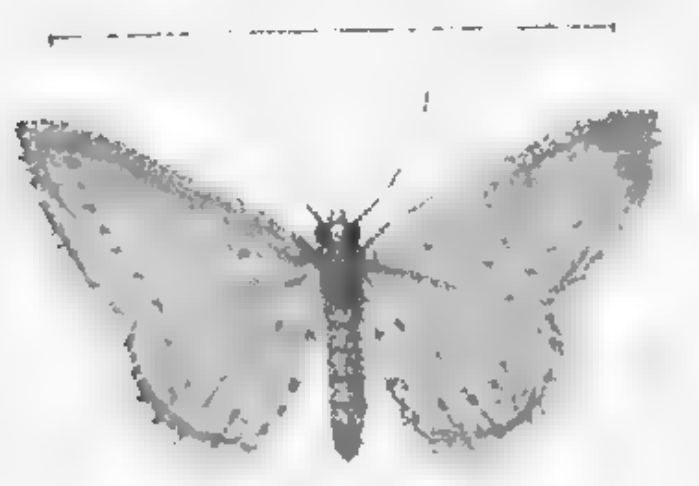
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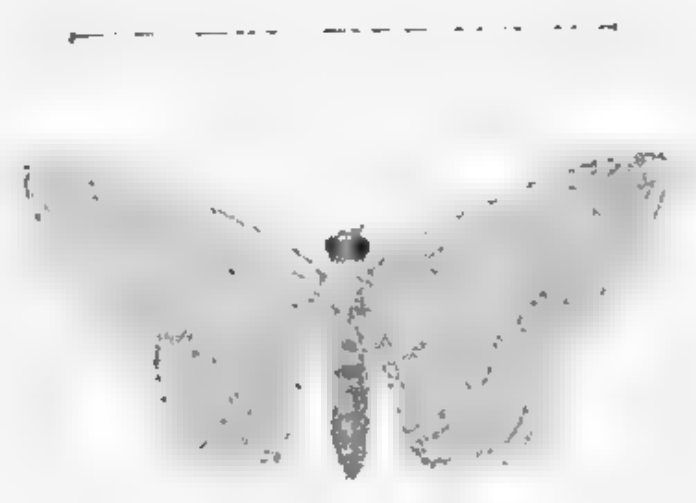
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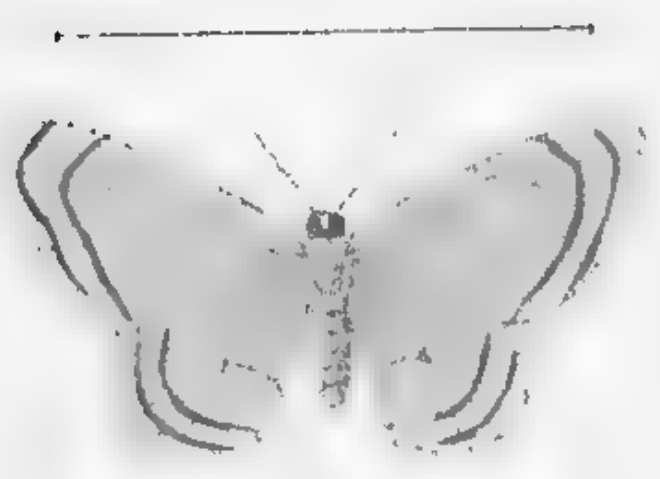
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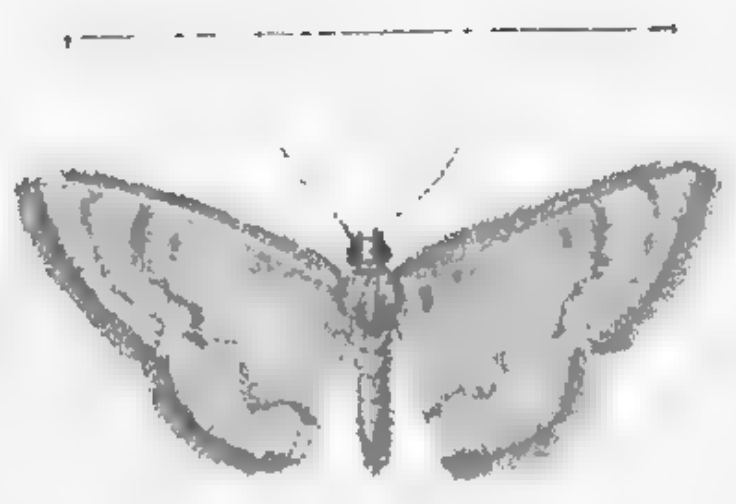
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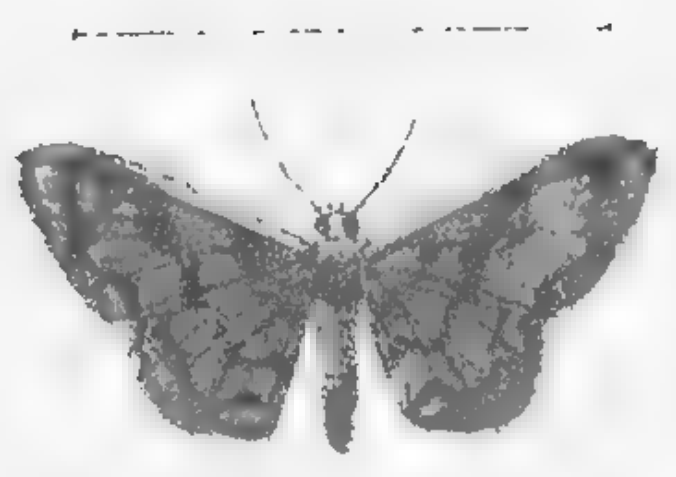
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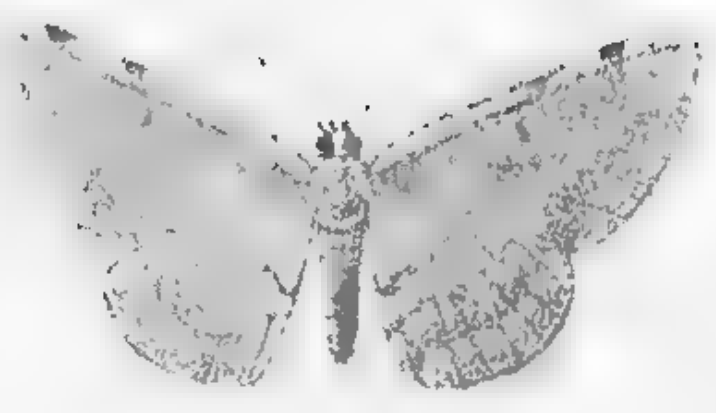
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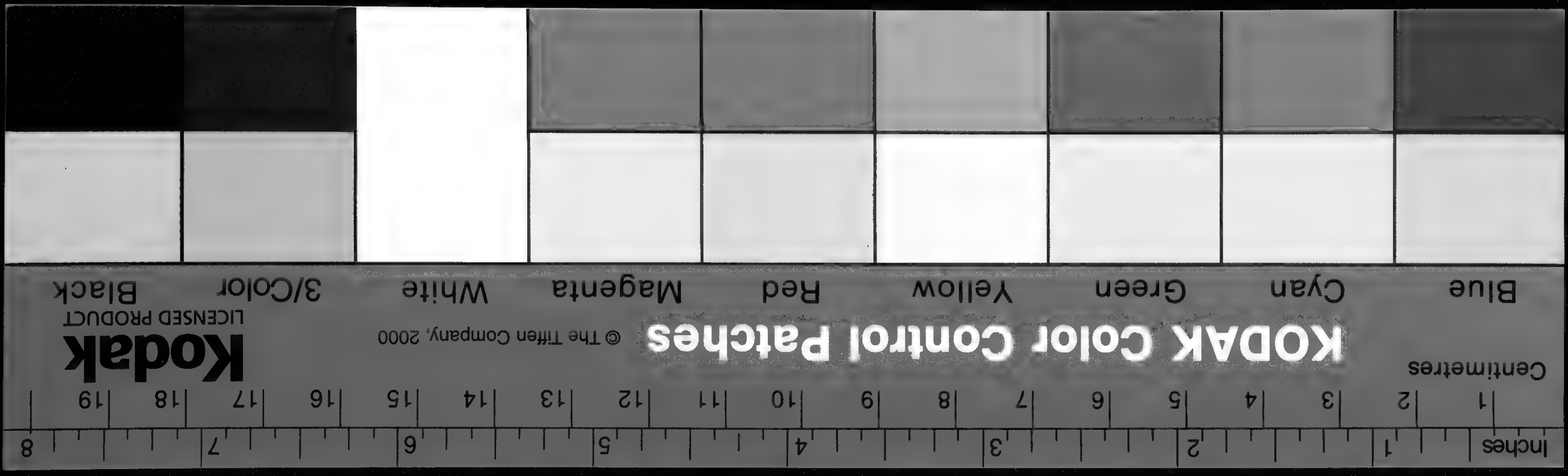
1♂ 2♀ CAMBOGIA OBADA.
3♂ " NUMIDA.
4♂ " OCCIA.
5♂ " ODATIS.
6♂ " NUMERIA.
7♂ " NUCULA.
8♂ " CEDON.
9♂ " (?) NECULA.
10♂, 11♀ ASTHENA CARNANA.

12♂ ASTHENA NECLAS.
13 ACIDALIA (?) OBRIMO.
14 " CAVANA.
15 " ONCA.
16 " CELENNA.
17 " (?) ENONA.
18 " CARNA.
19 " NURSICA.
20 " OLMIA.

21 ACIDALIA CAZECA.
22 " CATENES.
23 " PRIVATA.
24 " CALIDATA.
25 " (?) NUMITORIA.
26 " (?) CARMENTA.
27 " (?) OCRISIA.
28 " NYCTEIS.
29 " ODRUSSA.

W. Purkiss lith.

Hanhart imp
603.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Cyan
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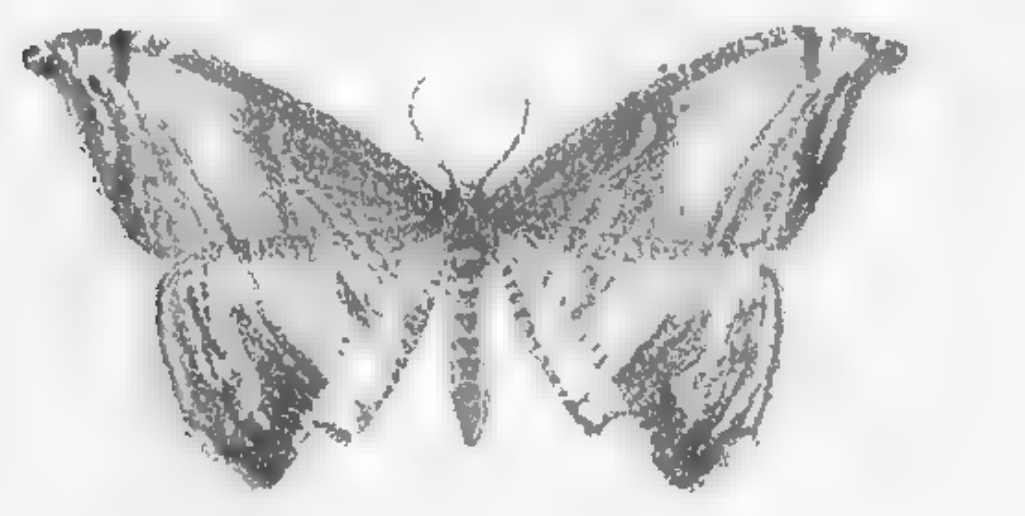
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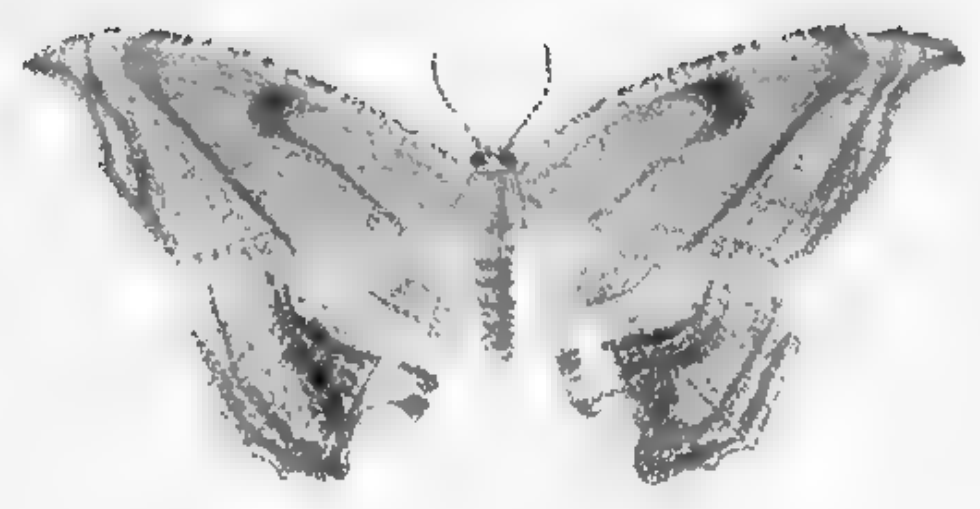
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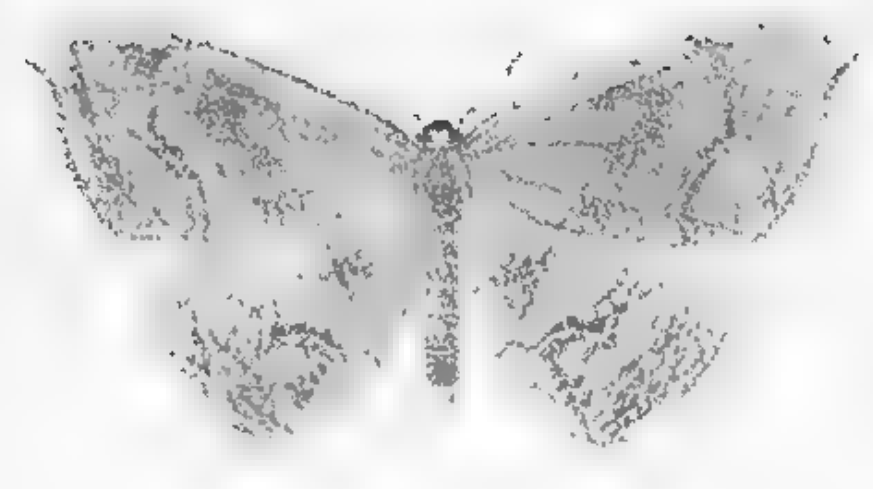
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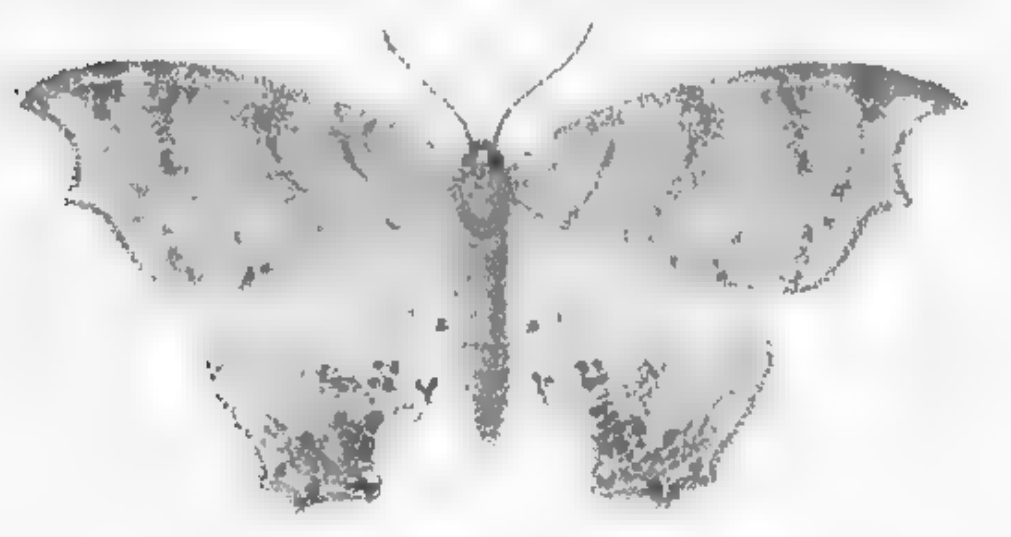
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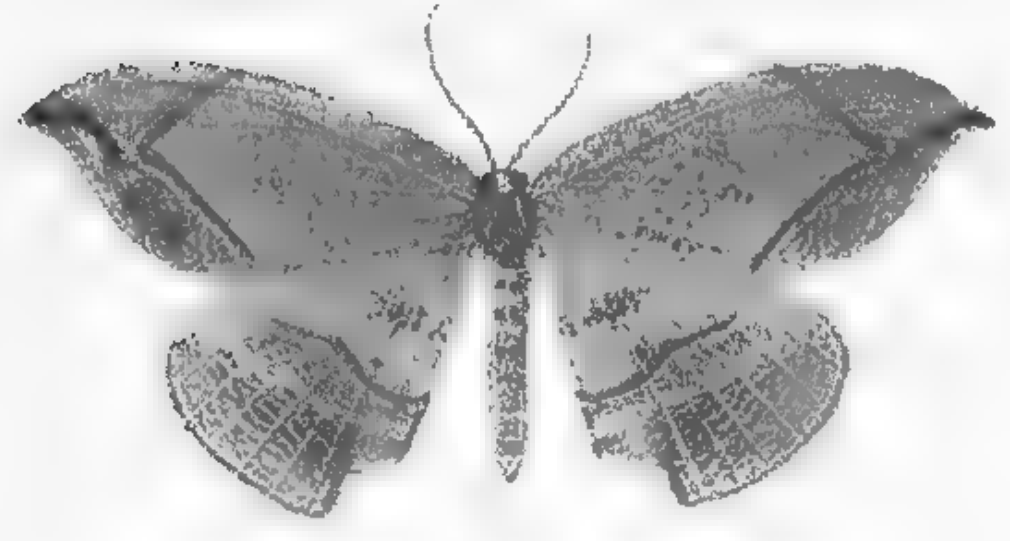
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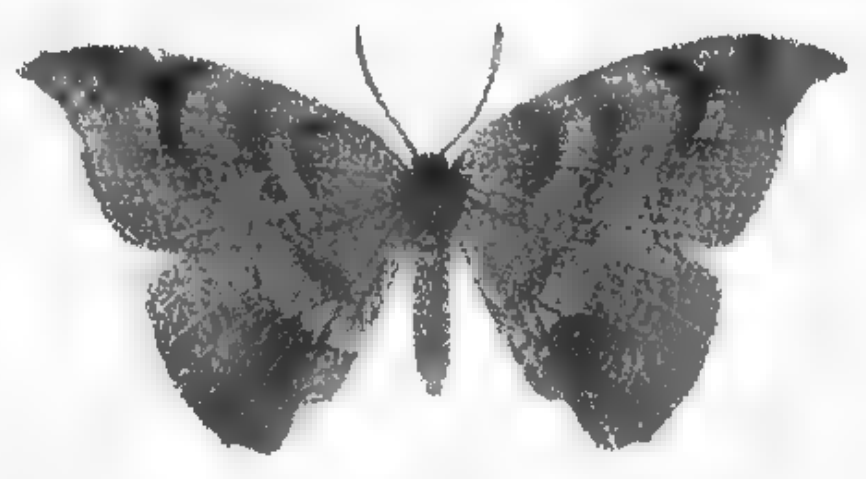
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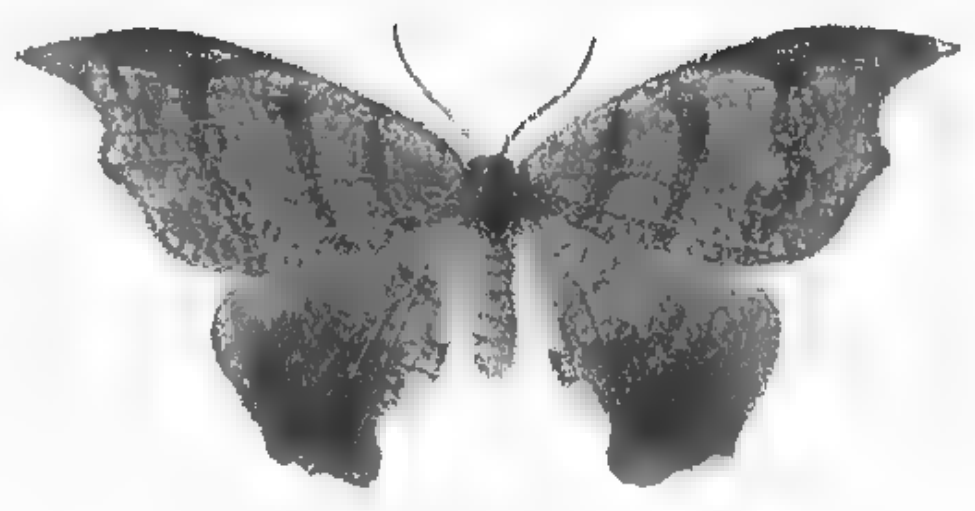
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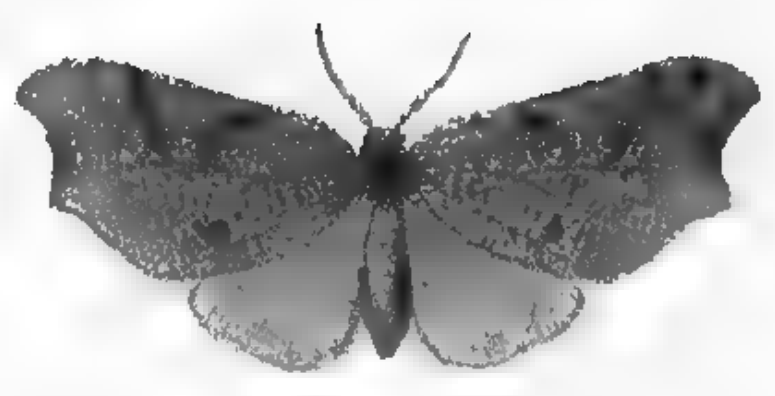
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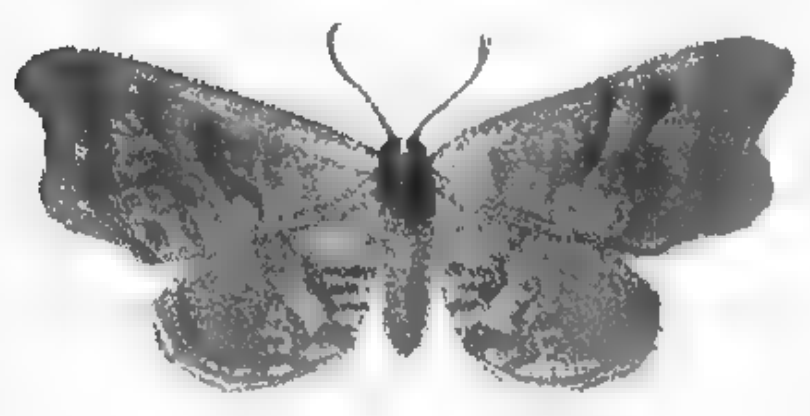
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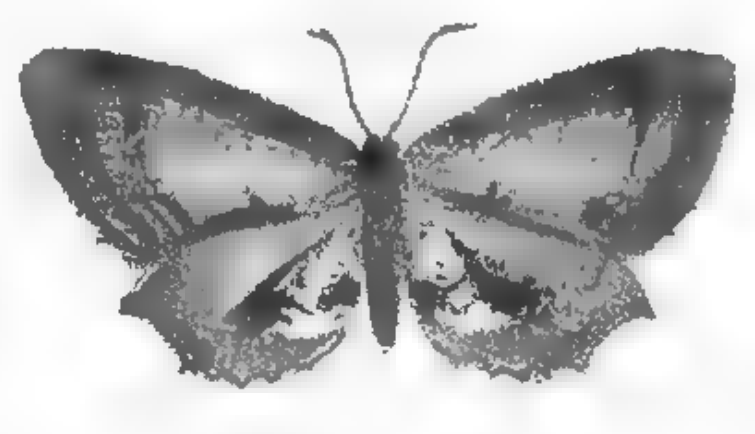
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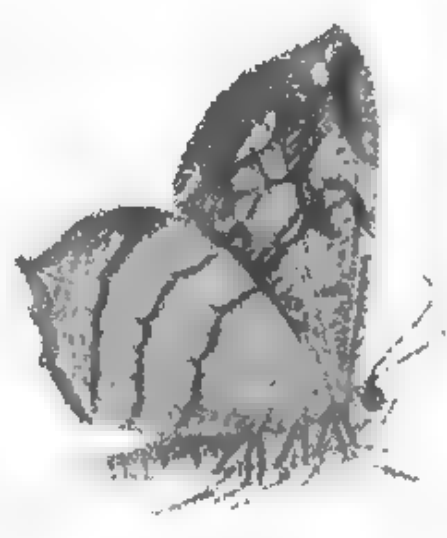
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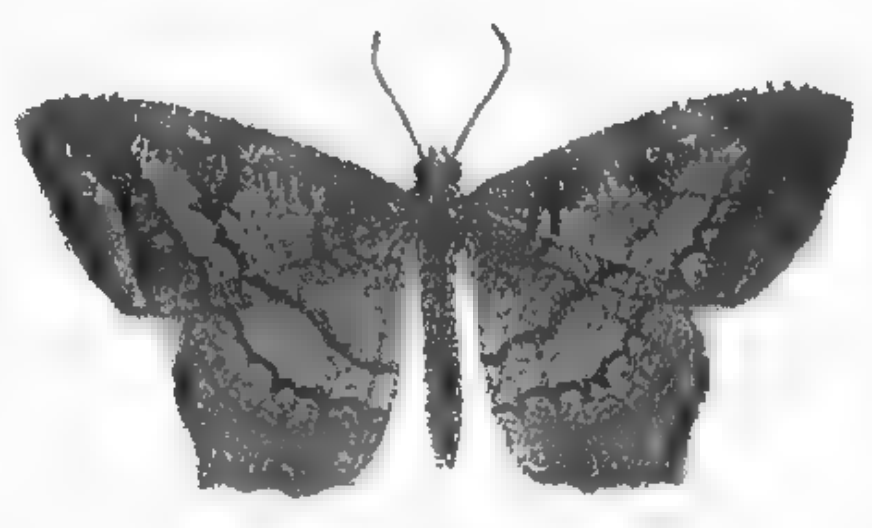
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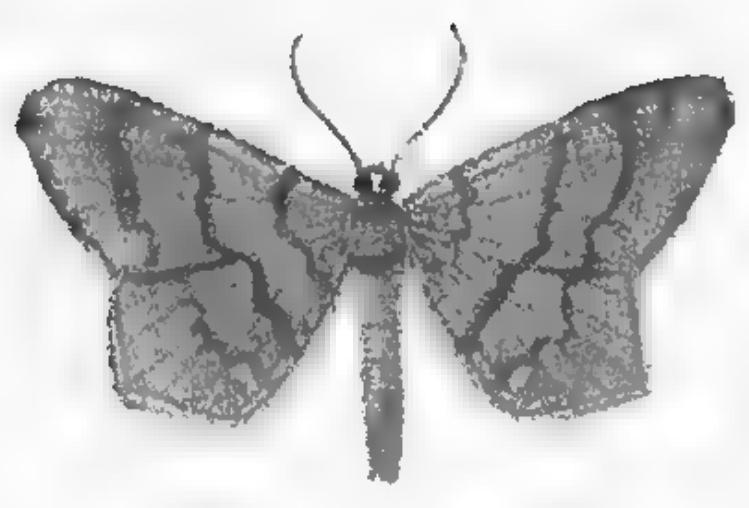
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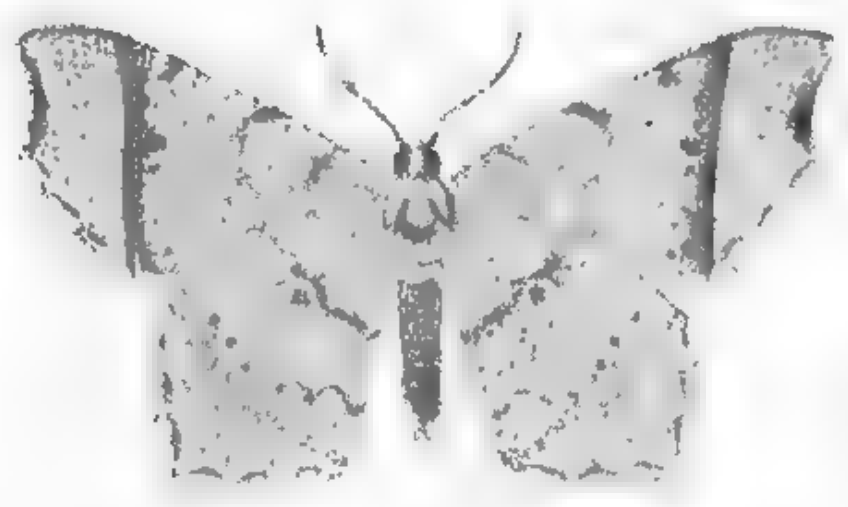
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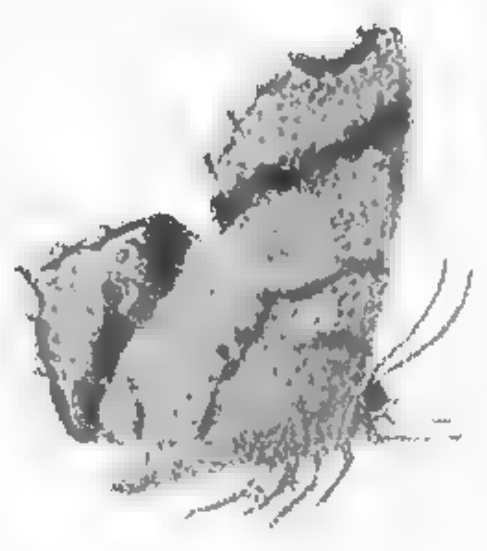
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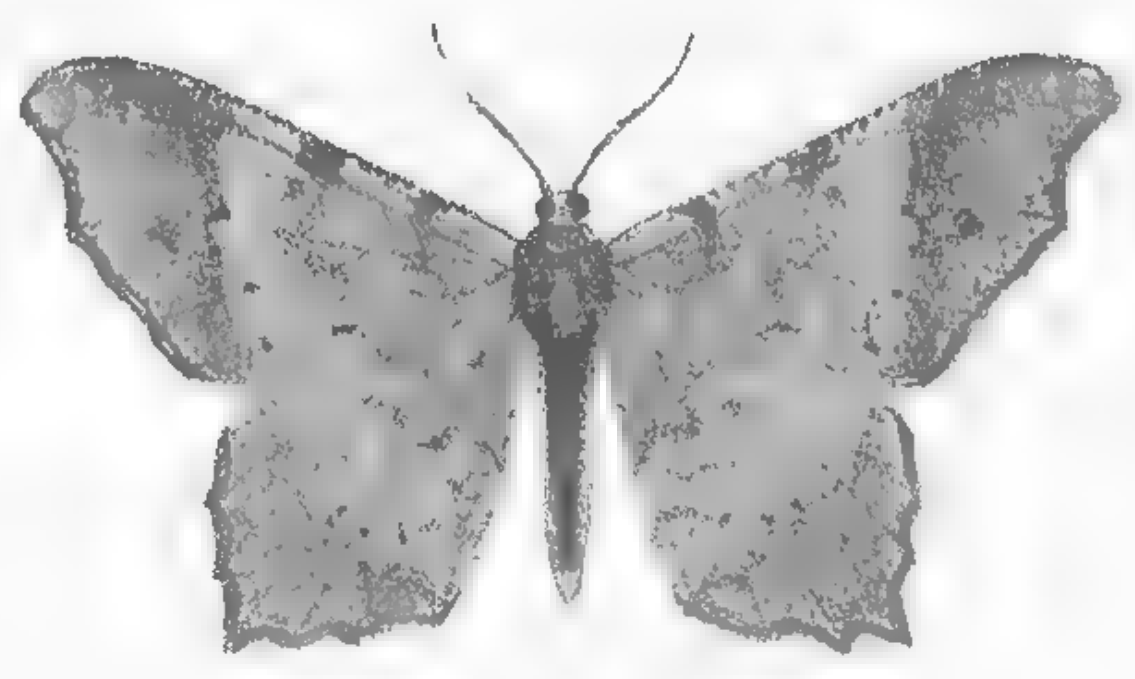
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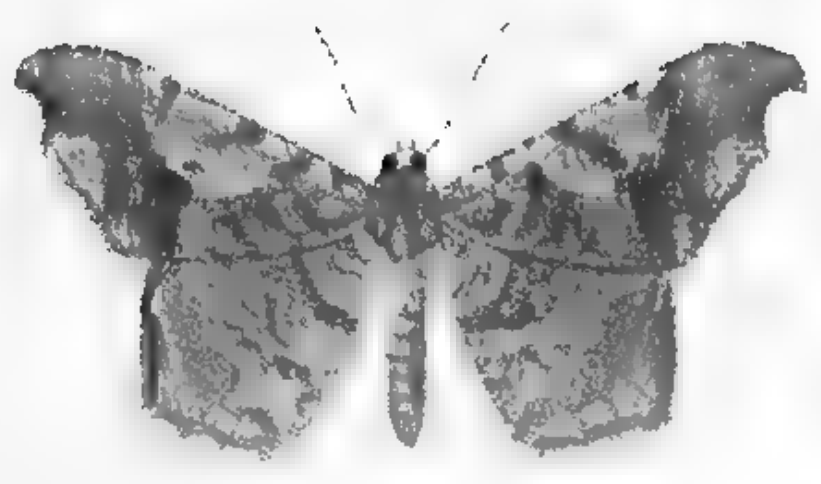
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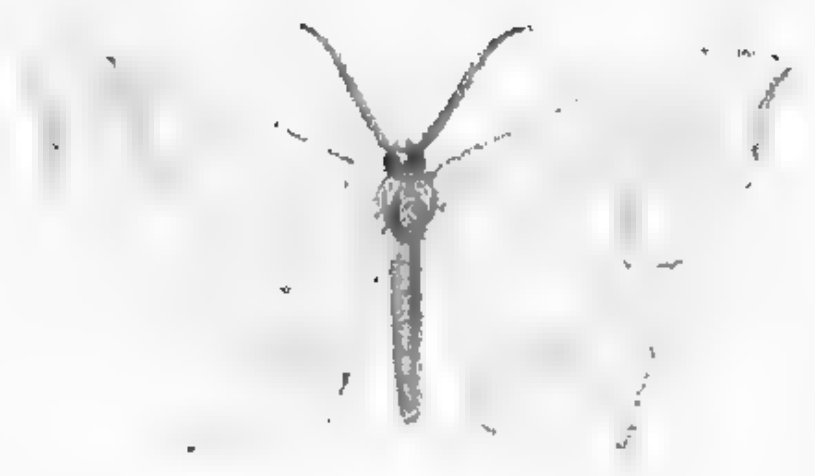
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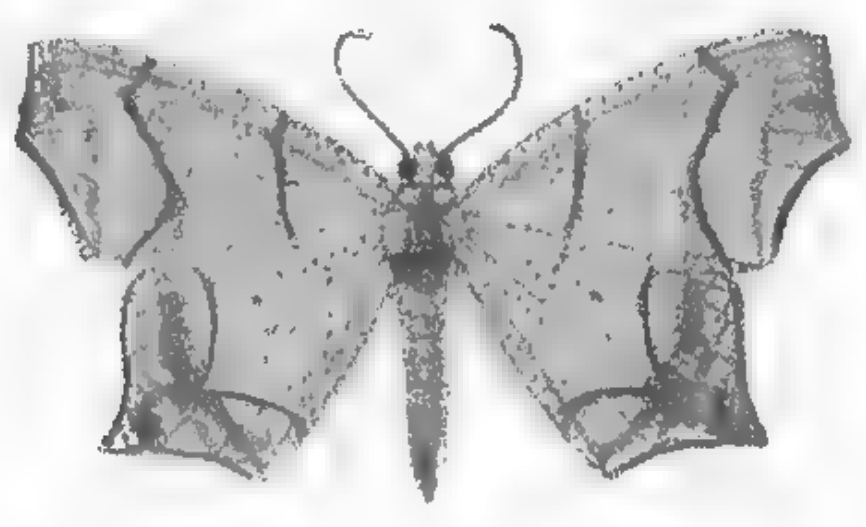
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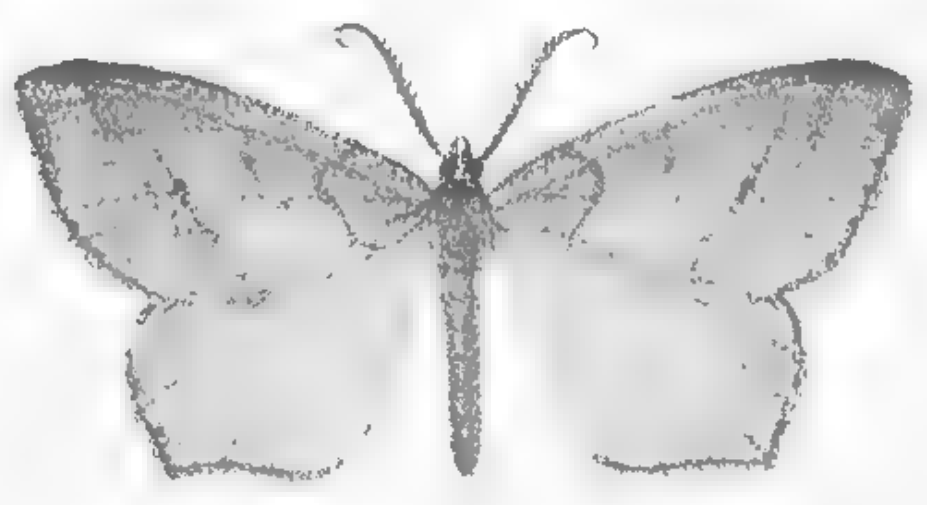
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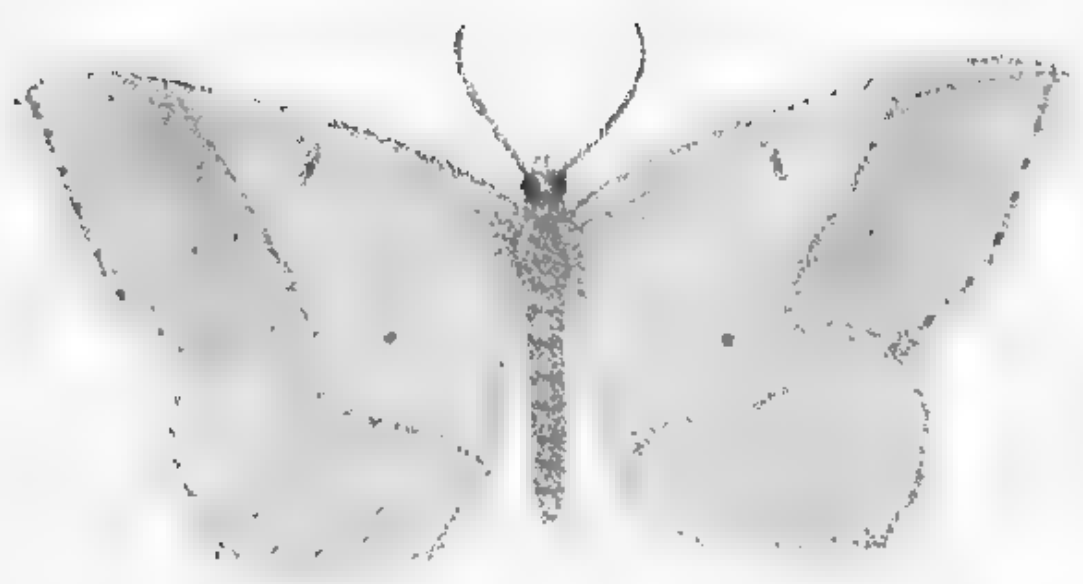
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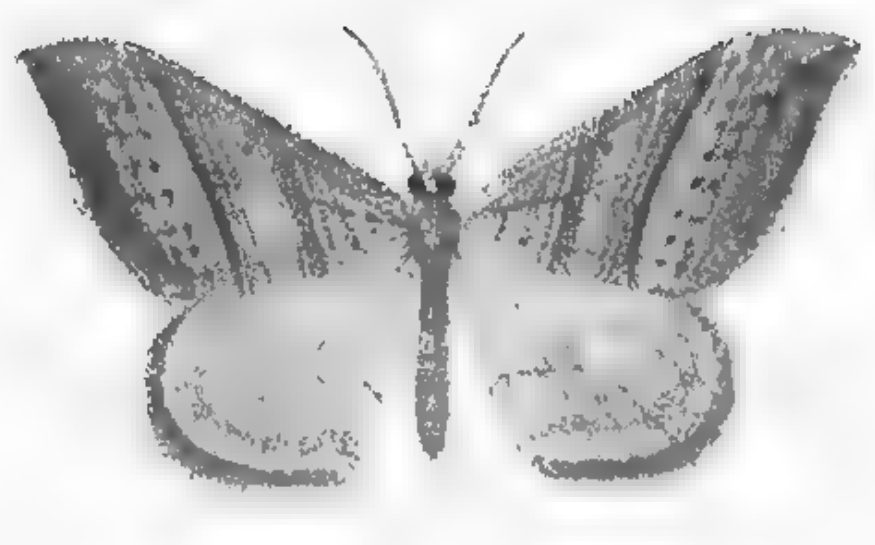
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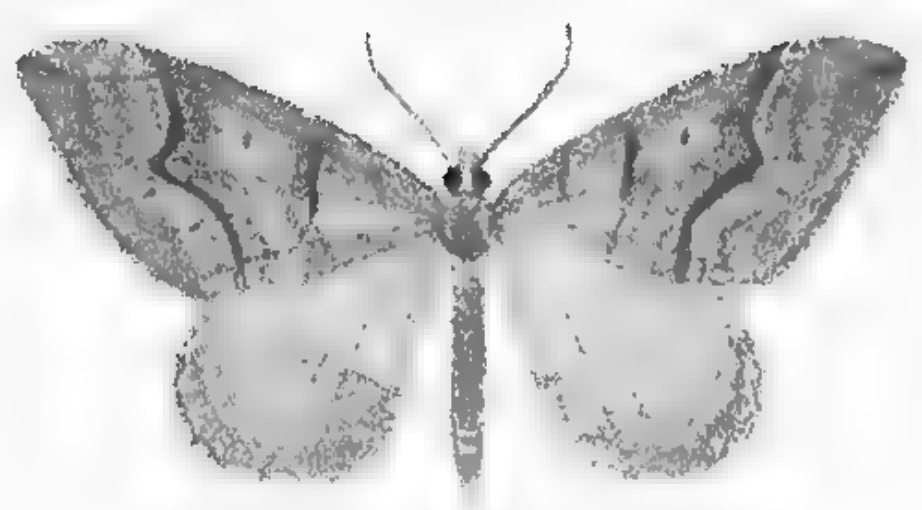
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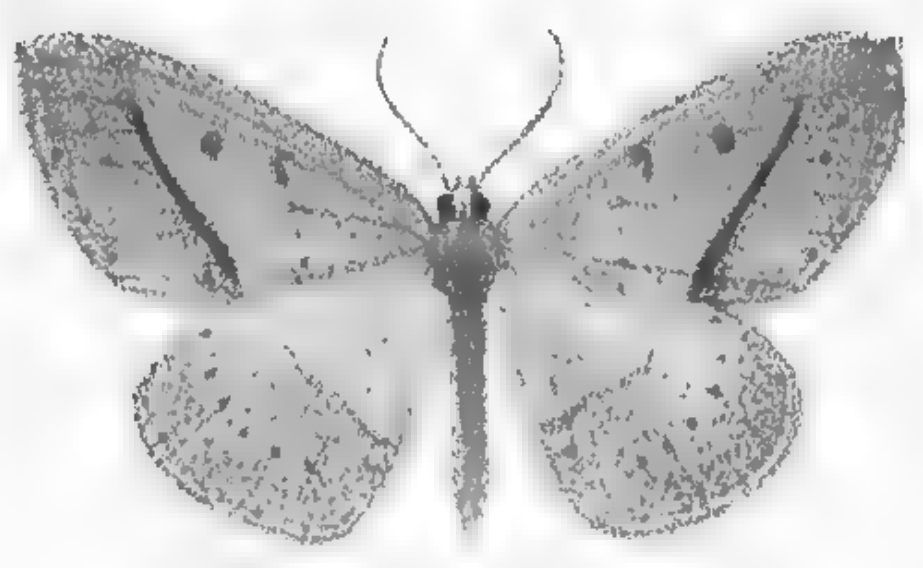
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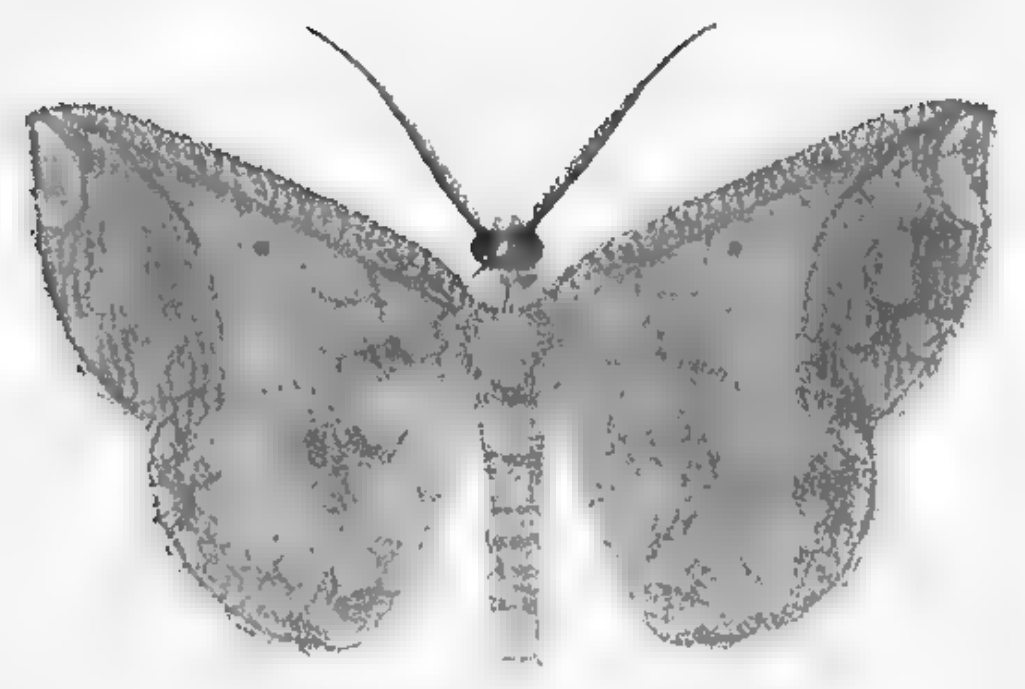
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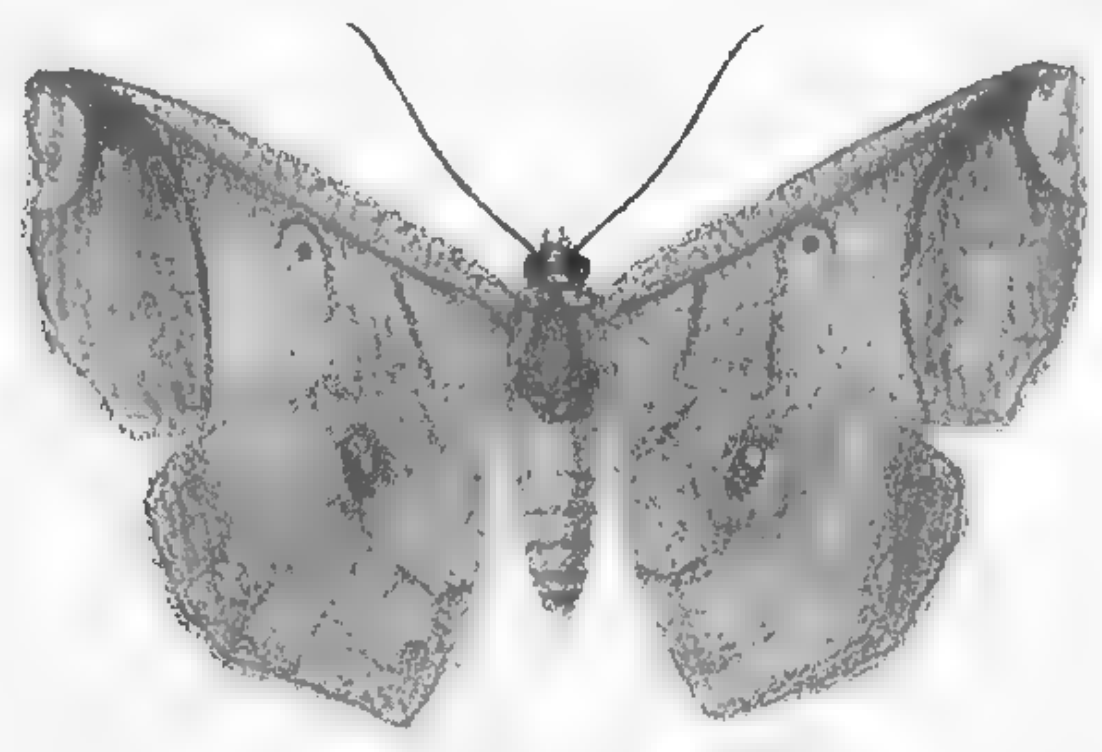
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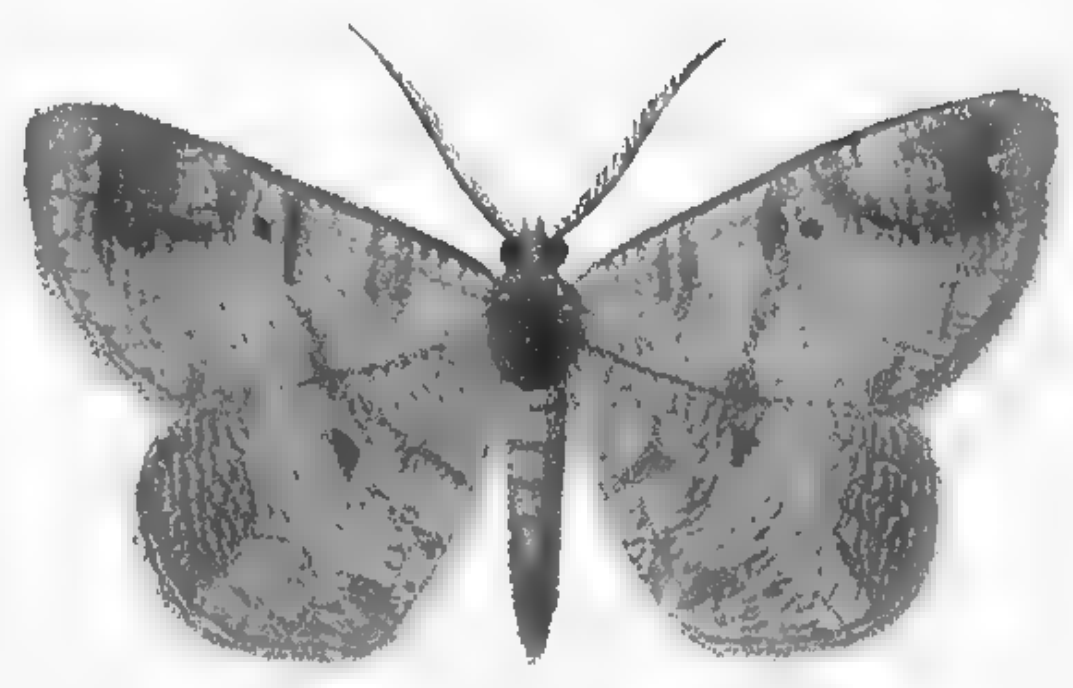
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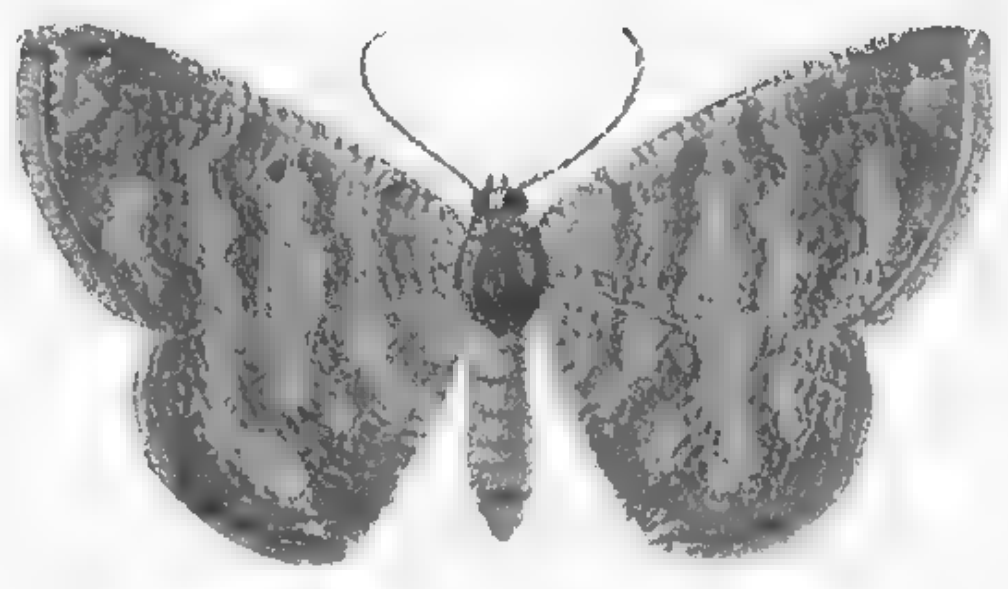
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1♂, 2♀ EROSIA OPIGENA.
3♂, 4♀ " INCISARIA.
5♂ " OMANA.
6♂, 7♀ " CASSERA.
8♂ " (?) CARILLA.
9♀ " OCALEA.
10♀ " ORA.

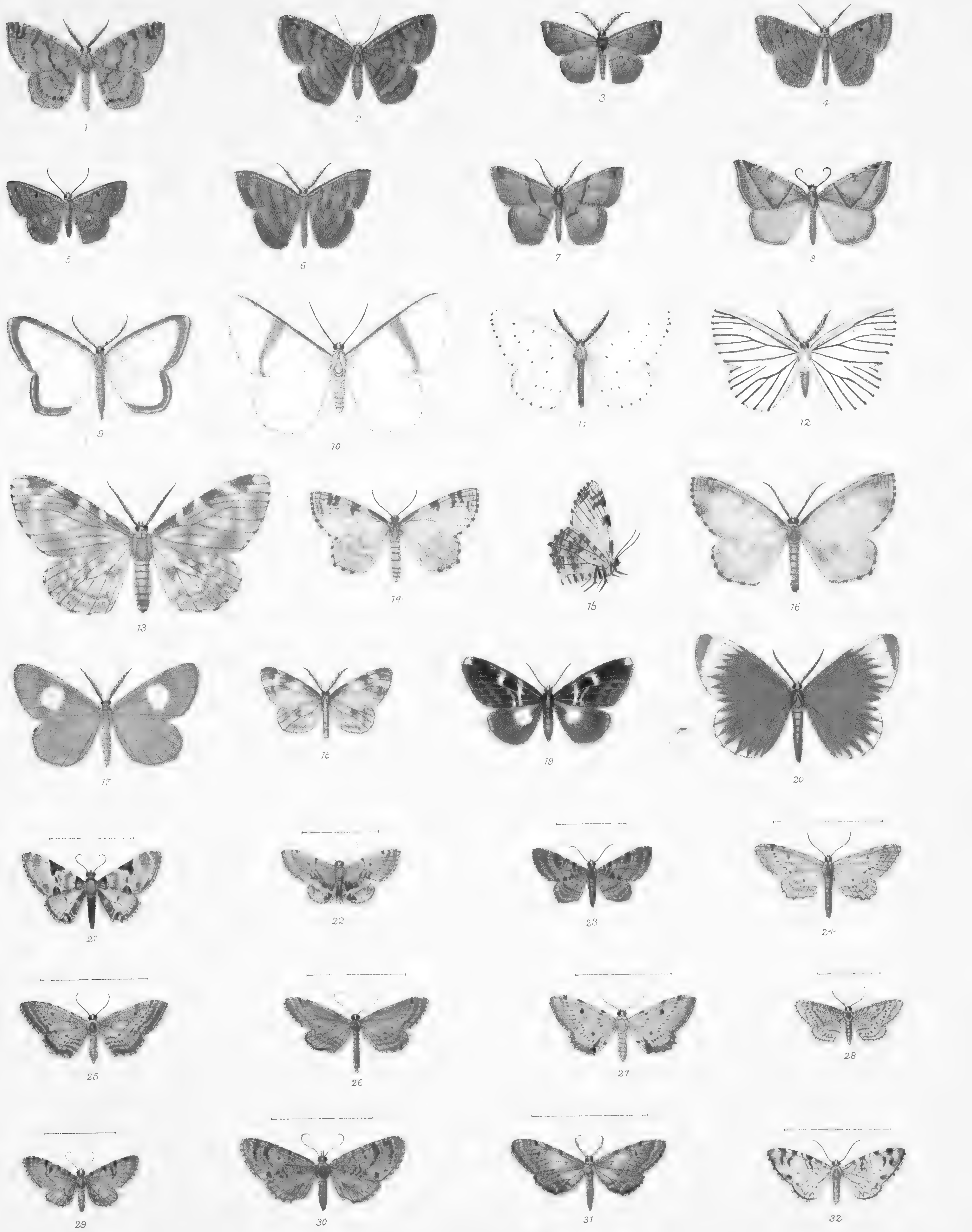
11, 12♂ SEMIOTHISA CARDINEA.
13♂ " CARPO.
14, 15 " CATUALDA.
16♂ " OSTIA.
17♂ " ACUTARIA.
18♂ " CASTALIA.
19♂ " (?) CONTORTA.

20♂, 21♀ THAMNONOMA IMITATA.
22♂ " OLYMPUSA.
23♂ " PANASSA.
24♂ " (?) CECINNA.
25♂, 26♀ PACHYDIA CARFINIA.
27♂, 28♀ " CASPERIA.

W. Purkiss lith.

Hanhart imp.
611.

Blue Cyan Green Yellow Red Magenta White 3/Color Black
KODAK Color Control Patches © The Tiffen Company, 2000 Kodak LICENSED PRODUCT
Centimetres Inches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1♂, 2♀ PACHYDIA ORÆA.
3♂ " CERCYON.
4♂, 5♀ " CERMALA.
6♂ " OROANDA.
7♂ " " , var.
8♂ GORYTODES ORSIMA.
9♂ PERIGRAMMA ORATES.
10♀ " (?) CESATA.
11♂ ZERENE ORSONA.
12♂ SCORIA SELECTATA.
13 NIPTERIA ORGANA.
14, 15♀ " ORDÆA.
16♂ " CRATA.
17♂ " VIATRIX.
18♂ NEPHODIA CETARIA.
19♂ " (?) OREADES.
20♂ CROCYPUS (?) OROCANA.
21 EUPITHECIA CERCINA.
22 " ORILOCHIA.
23 EUPITHECIA ORSETILLA.
24♂, 25♀ " CERTISSA.
26♂ " ORBELIA.
27 " CARELLIA.
28♂ " CHABORA.
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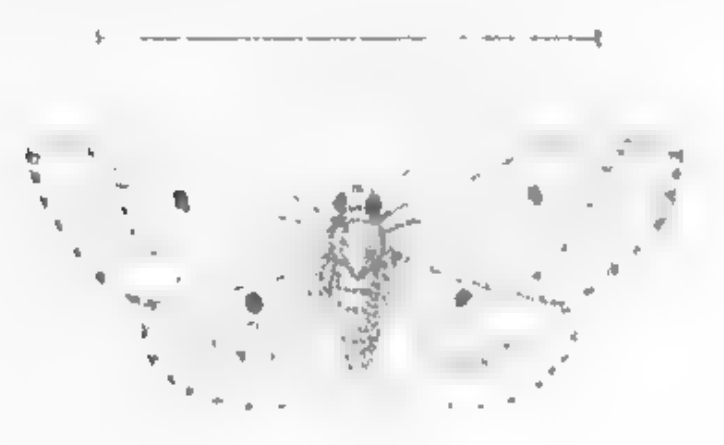
32 " CERYNEA.

W. Purkiss lith.
Hanhart imp.
612.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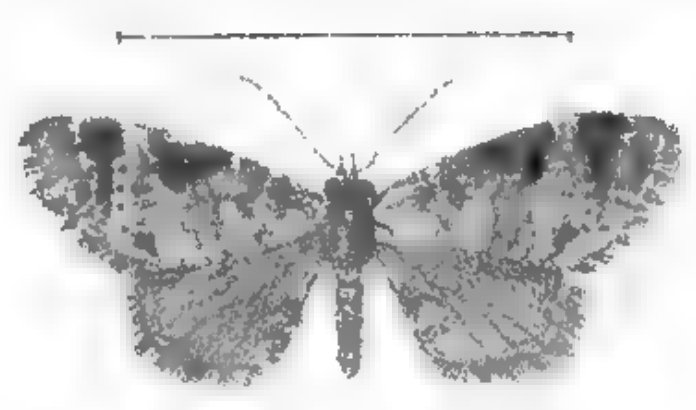
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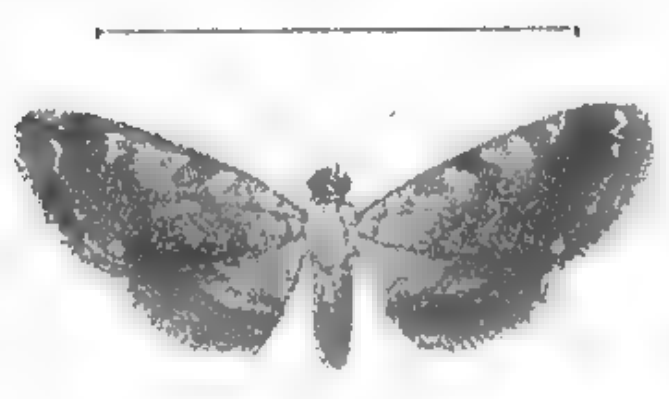
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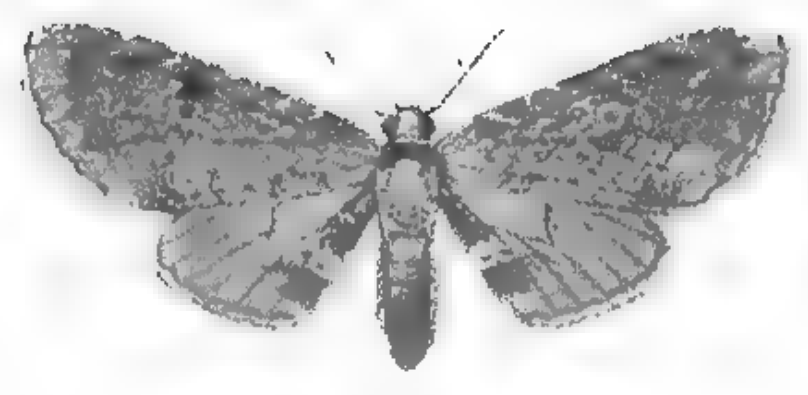
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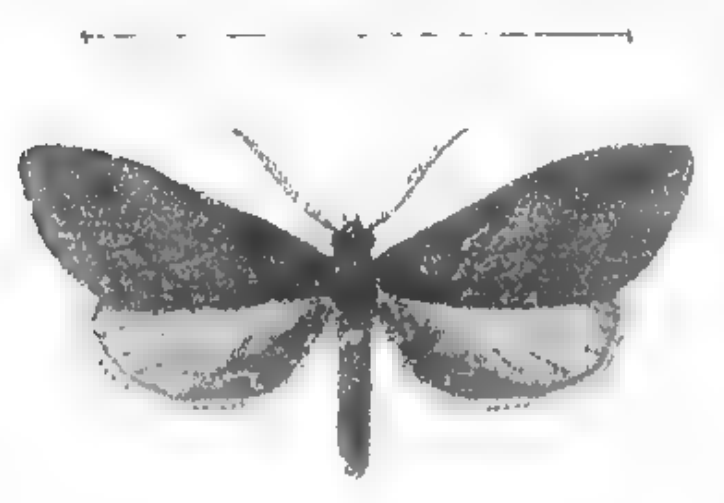
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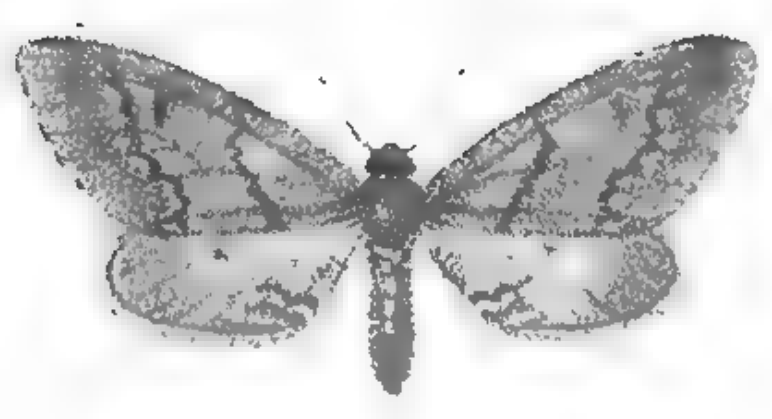
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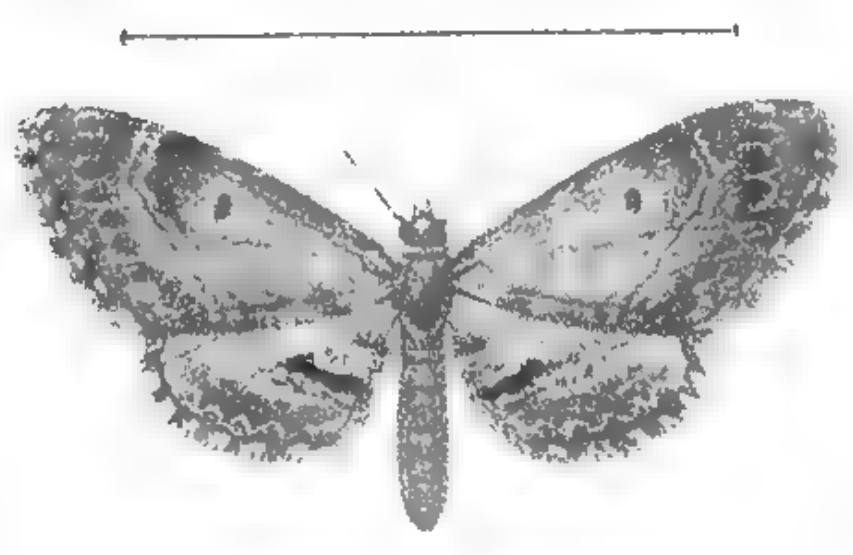
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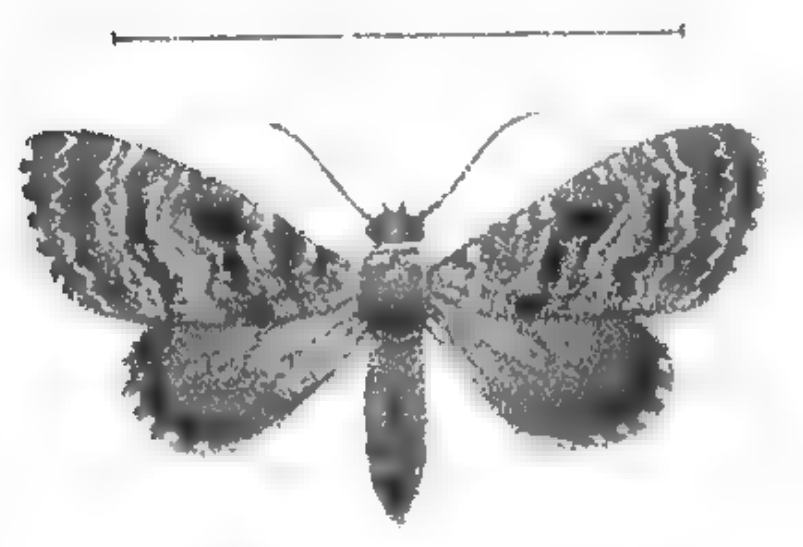
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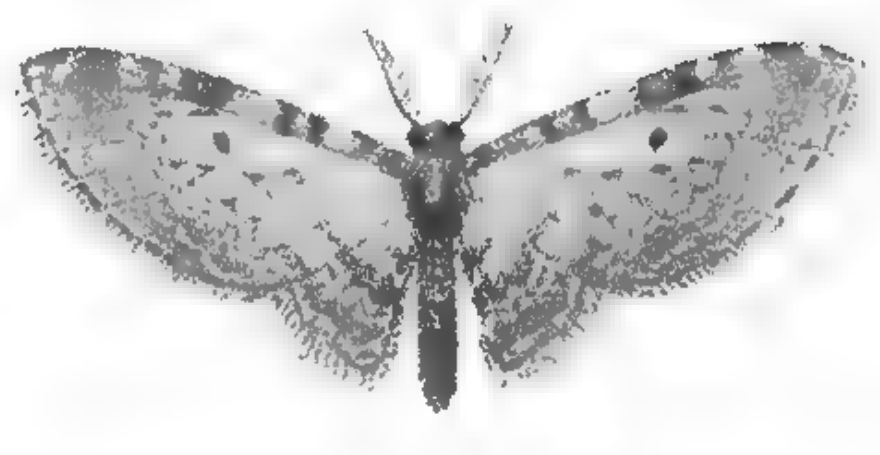
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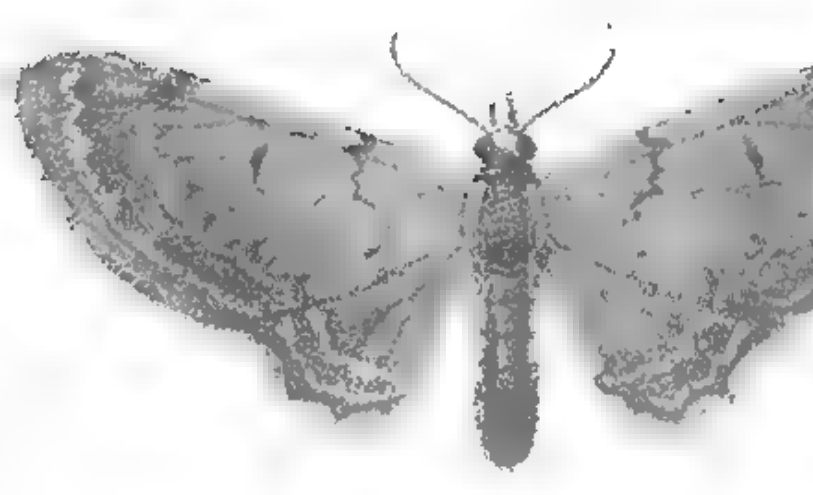
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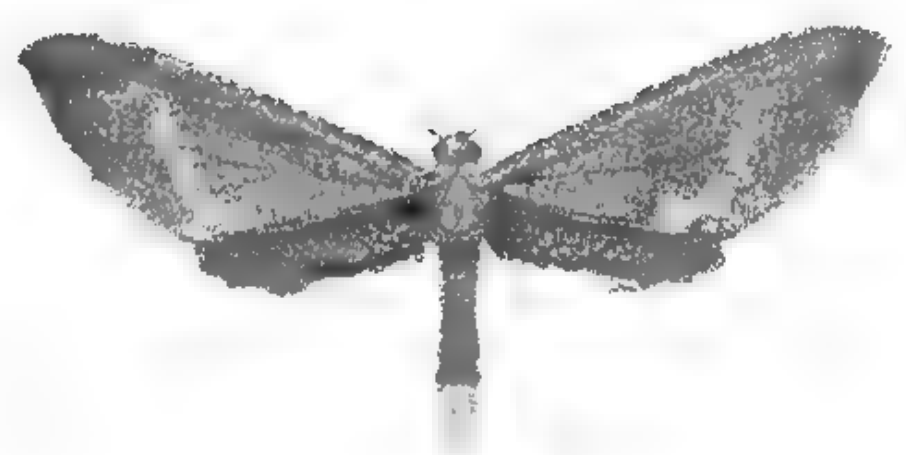
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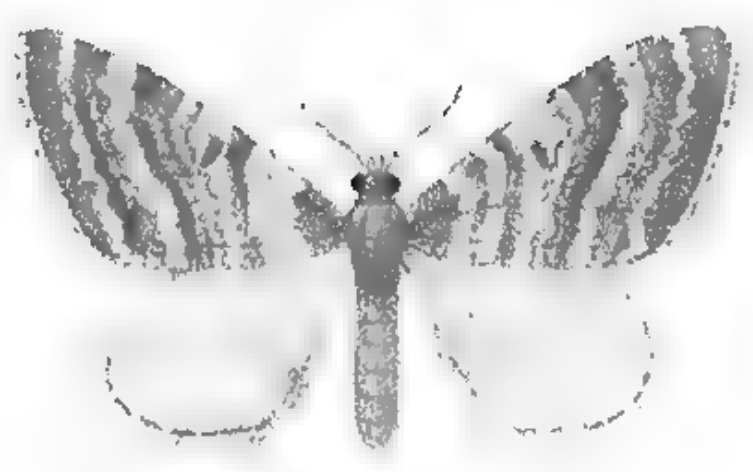
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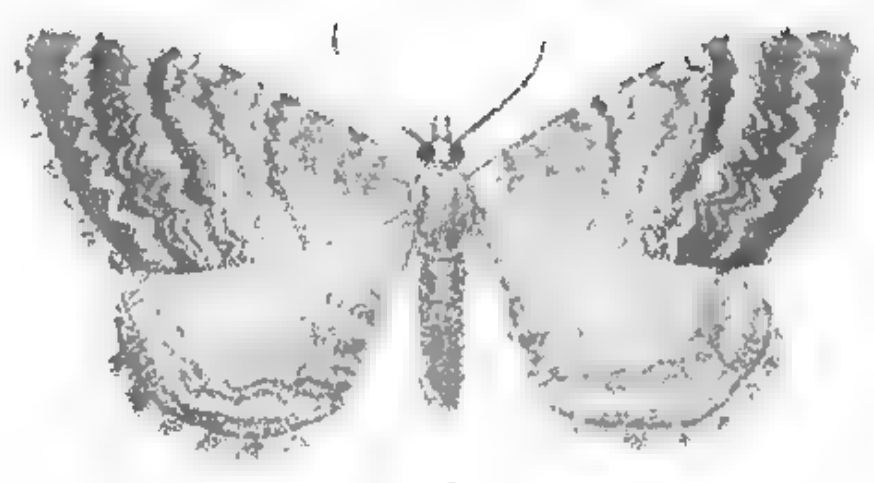
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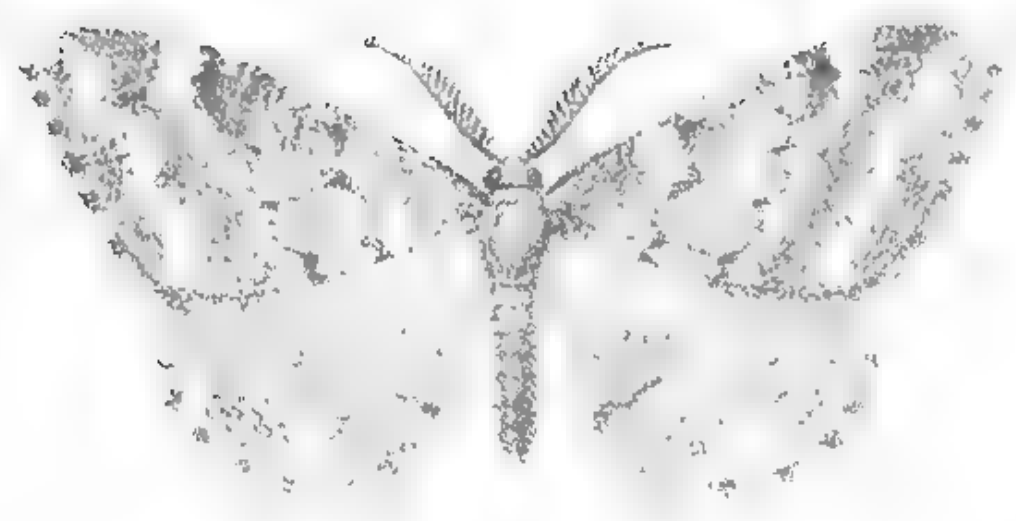
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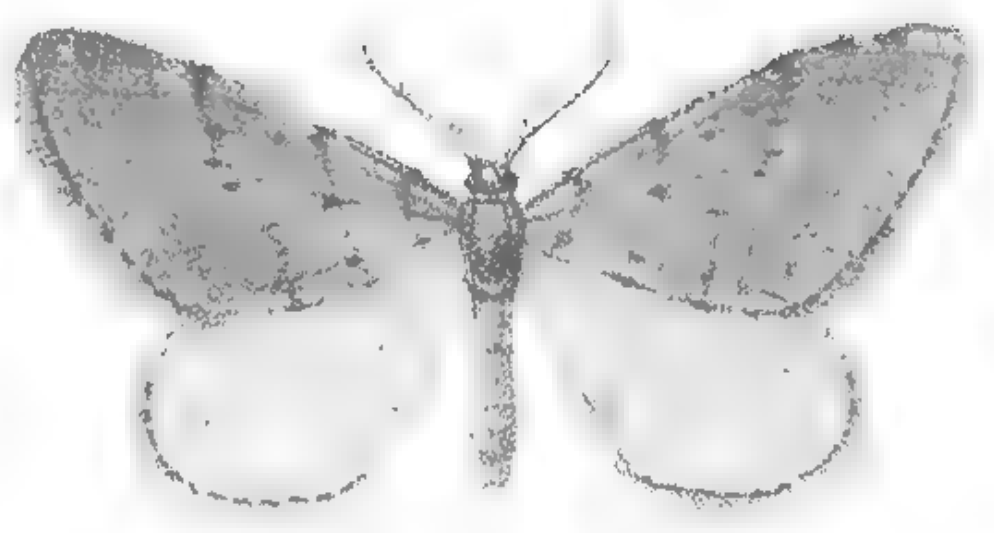
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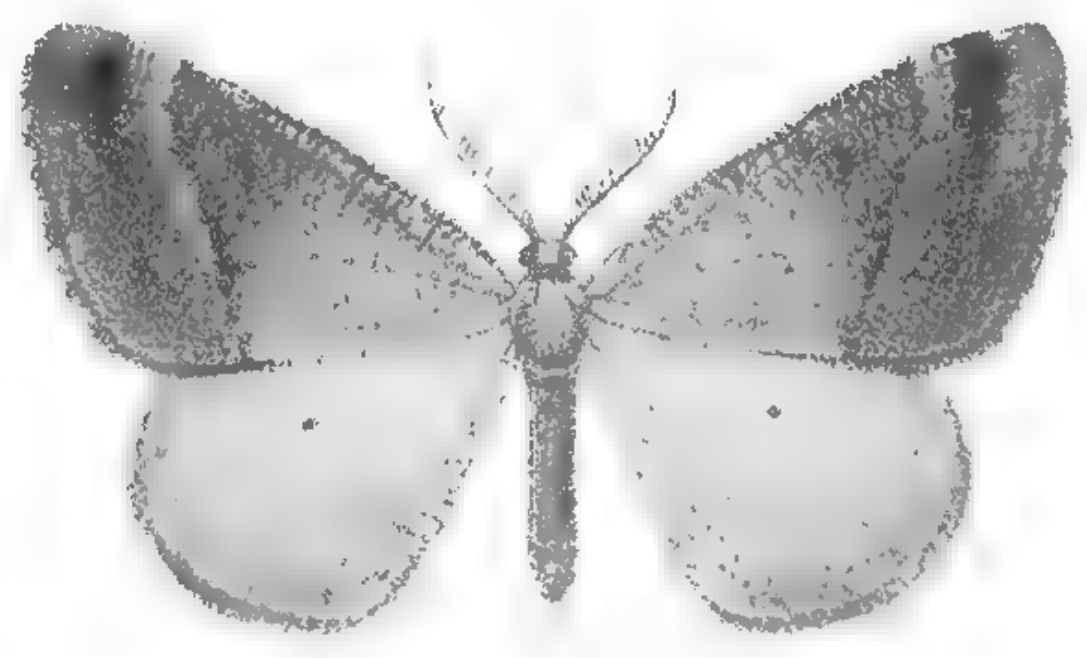
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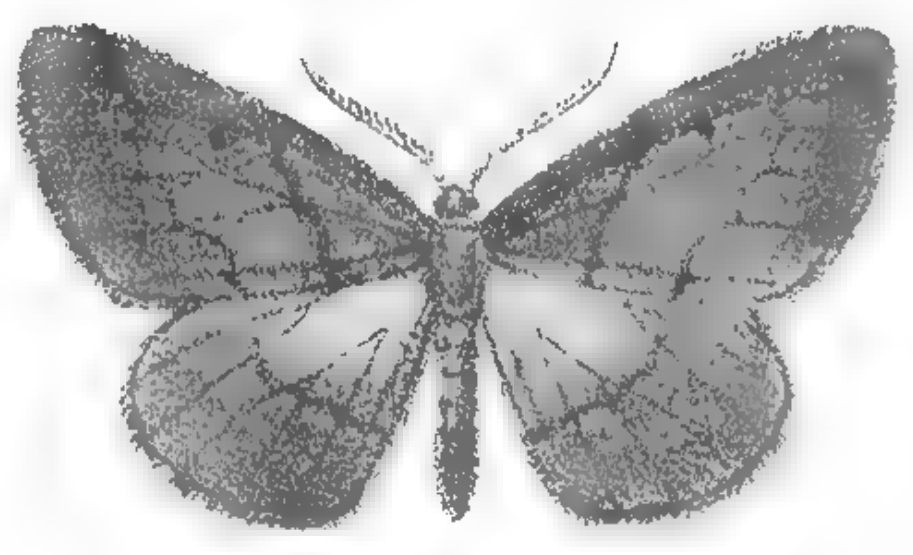
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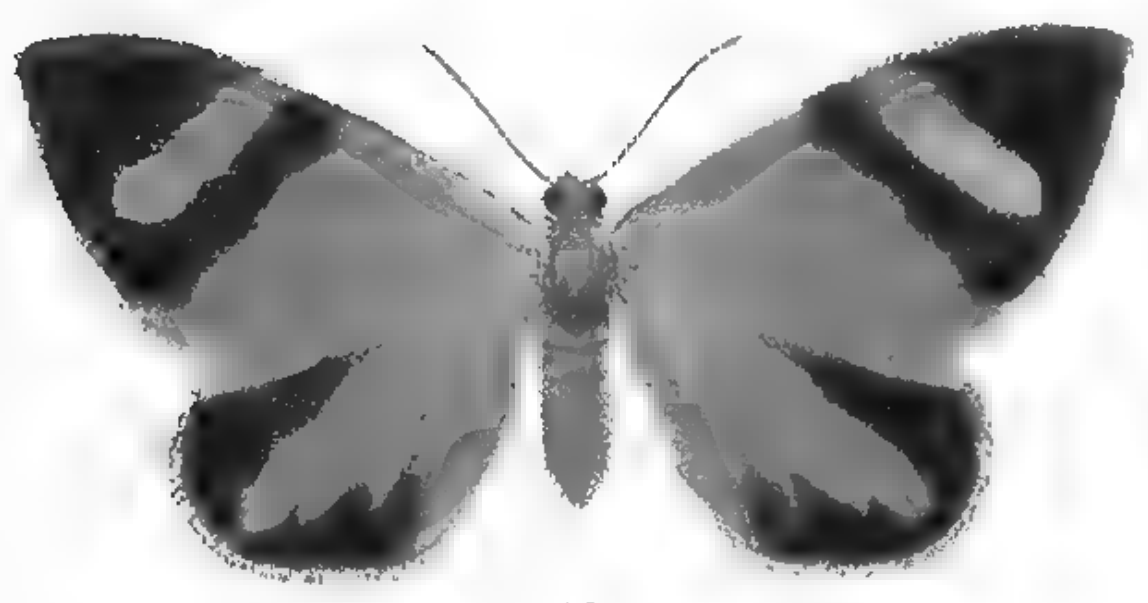
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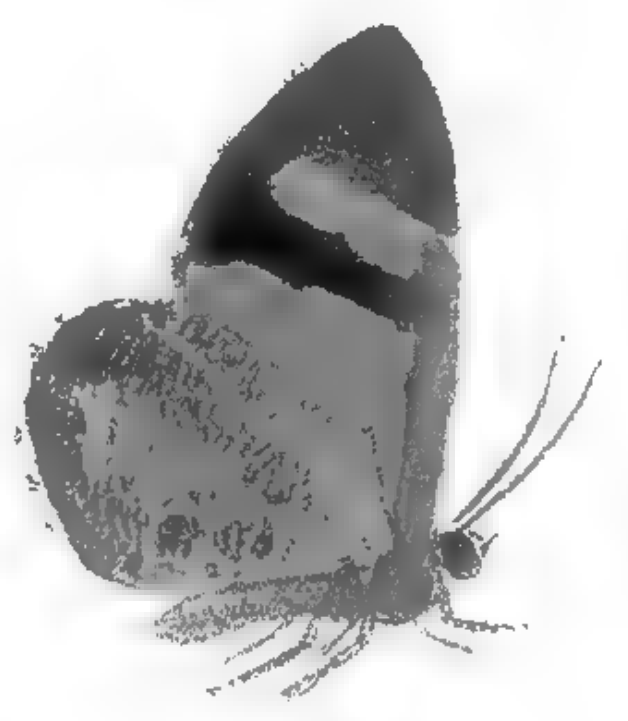
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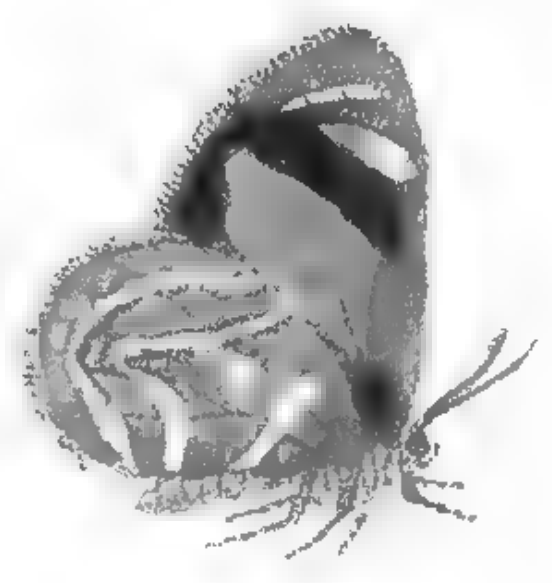
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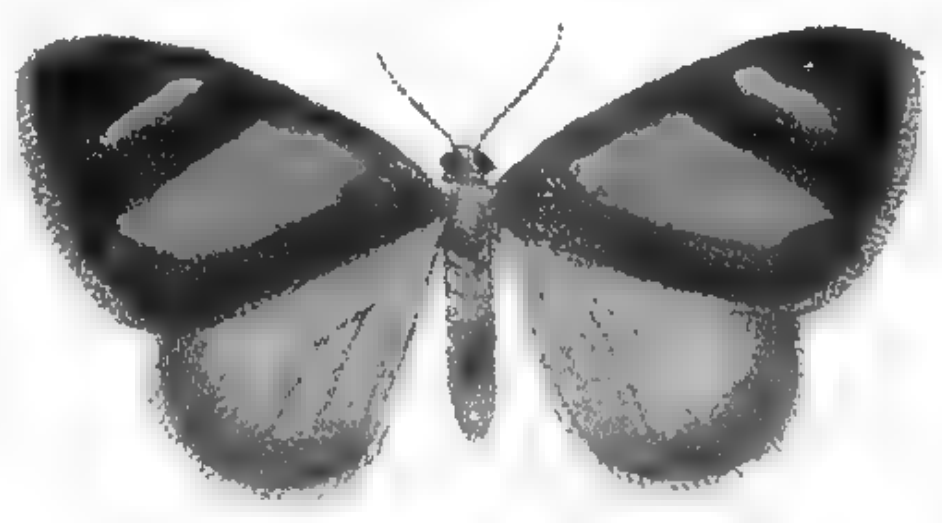
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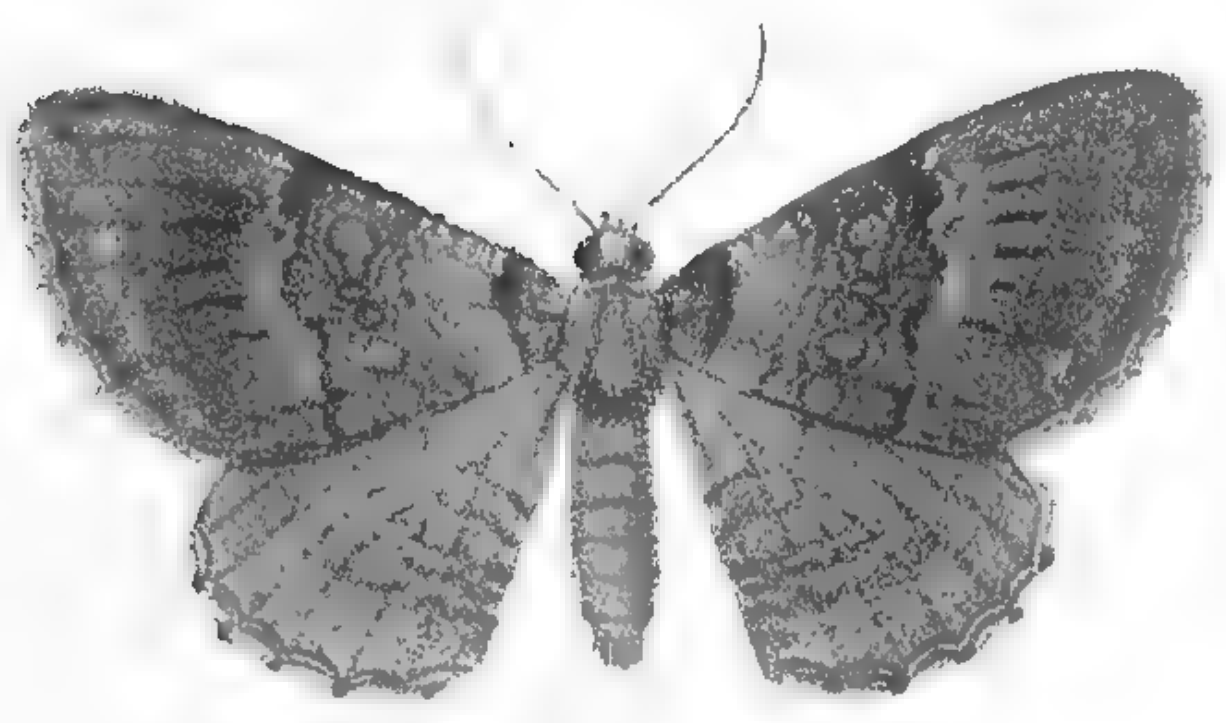
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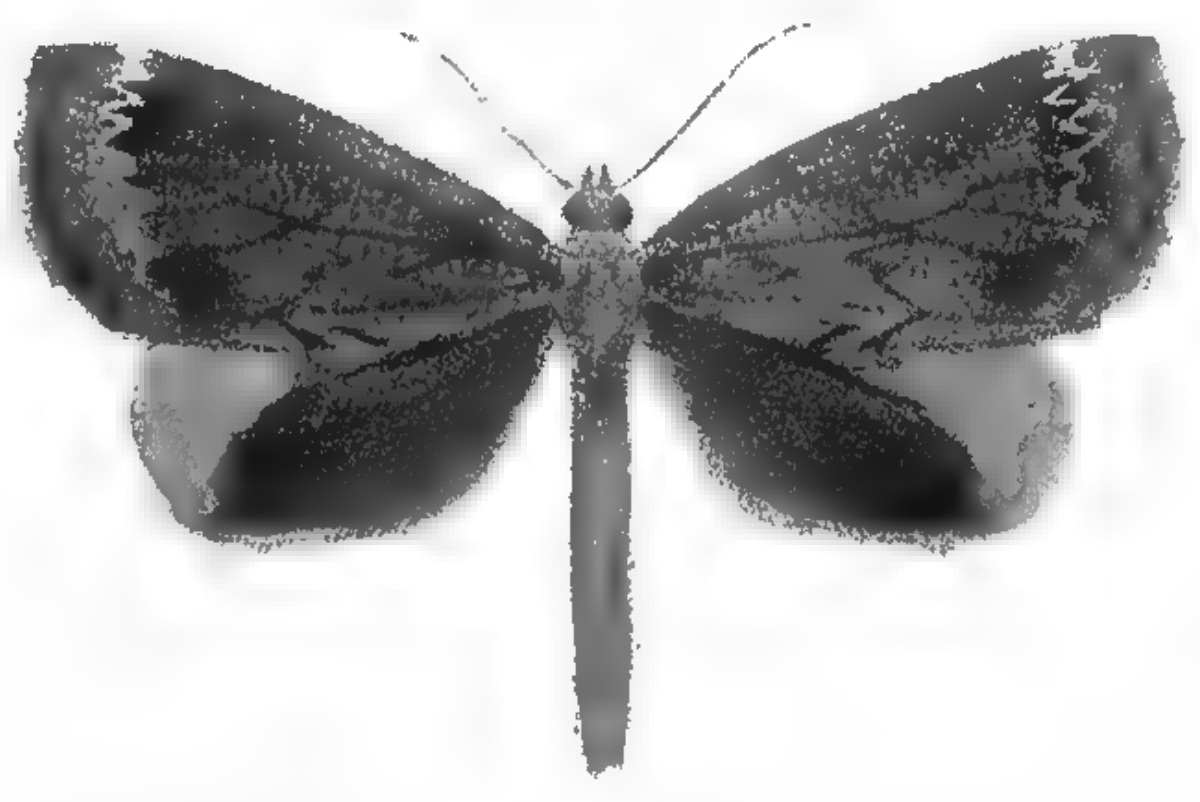
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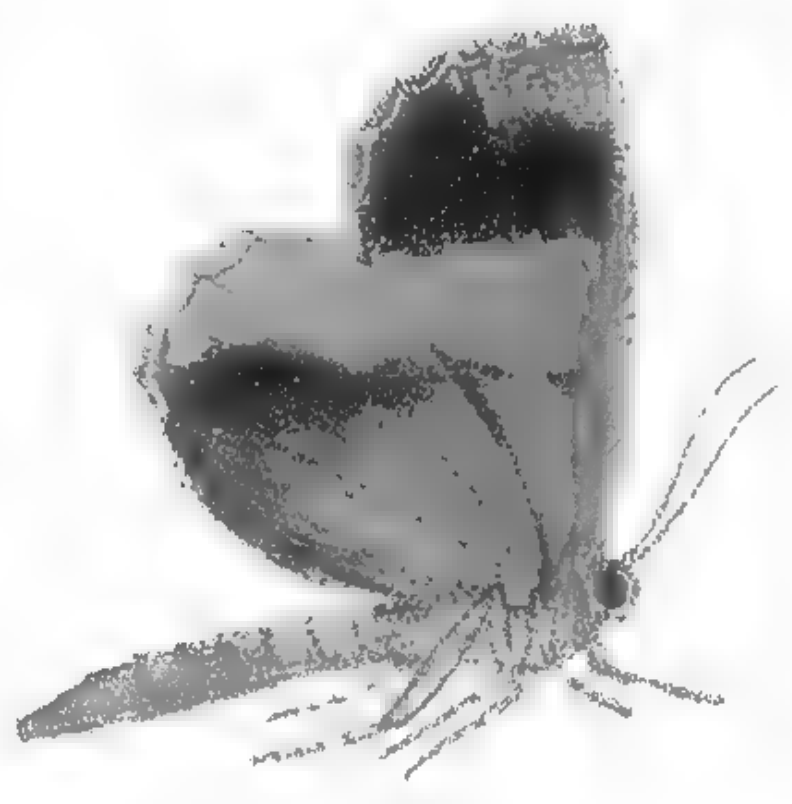
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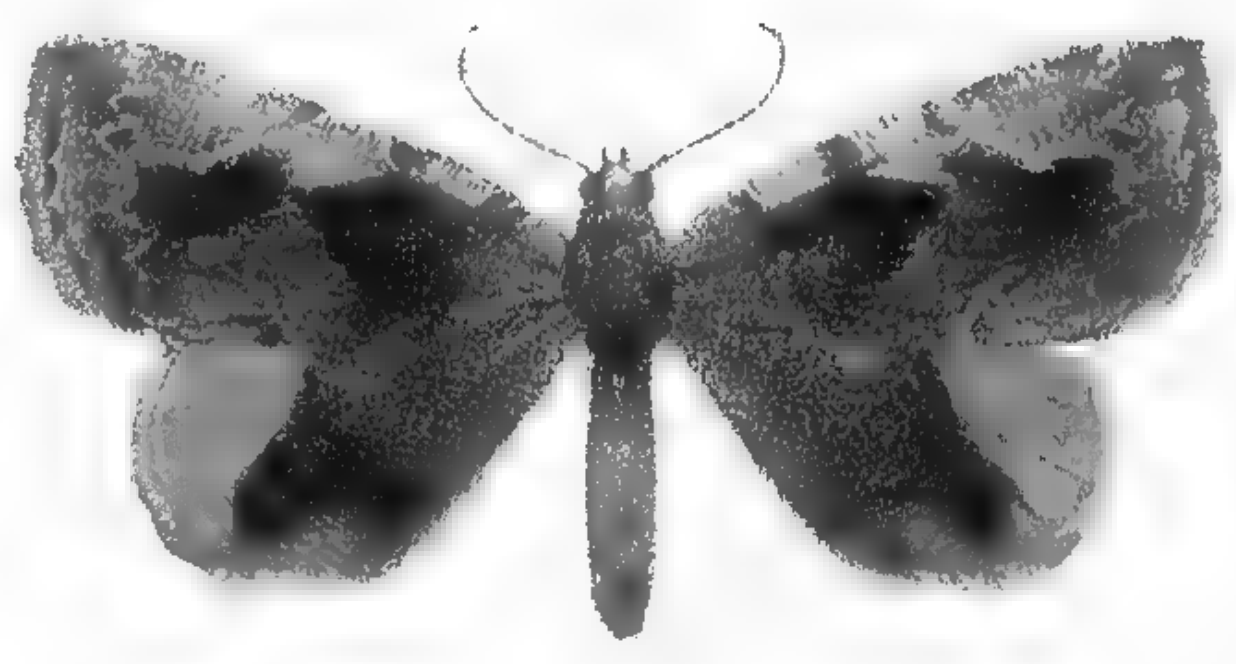
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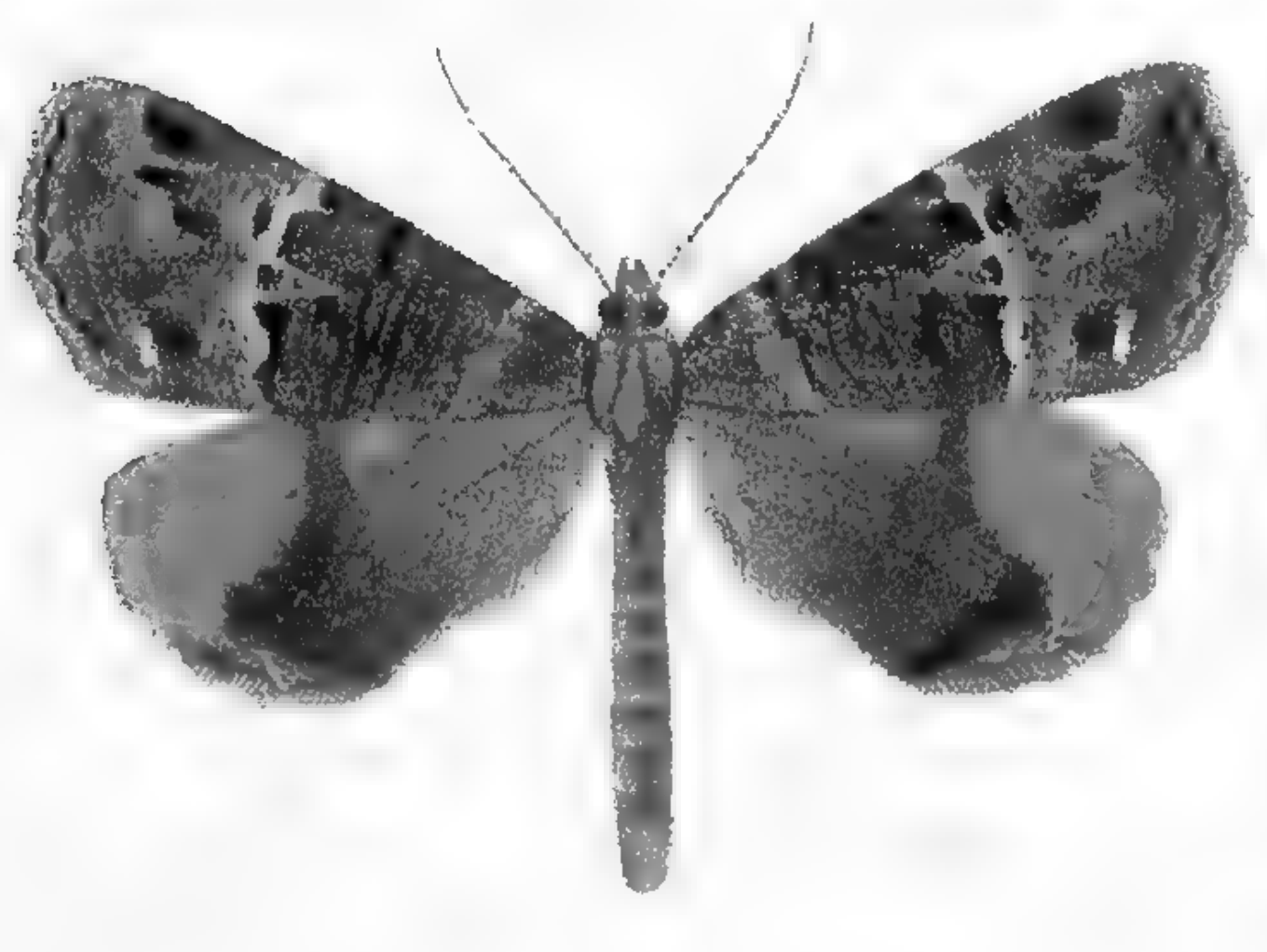
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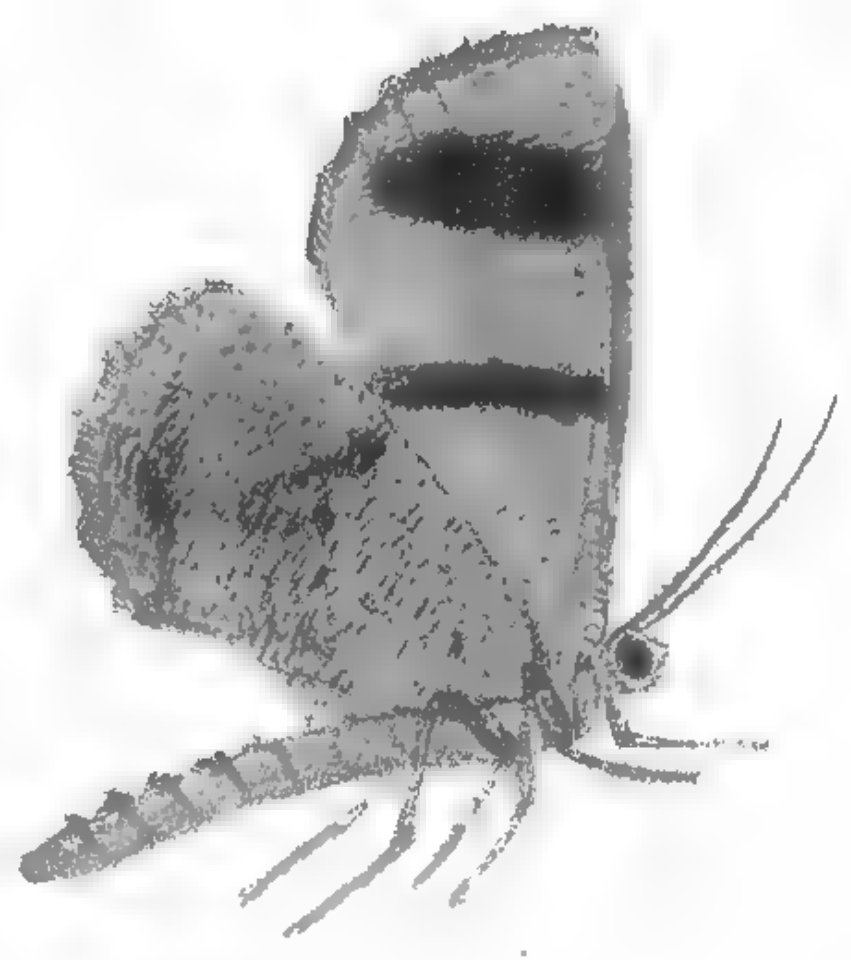
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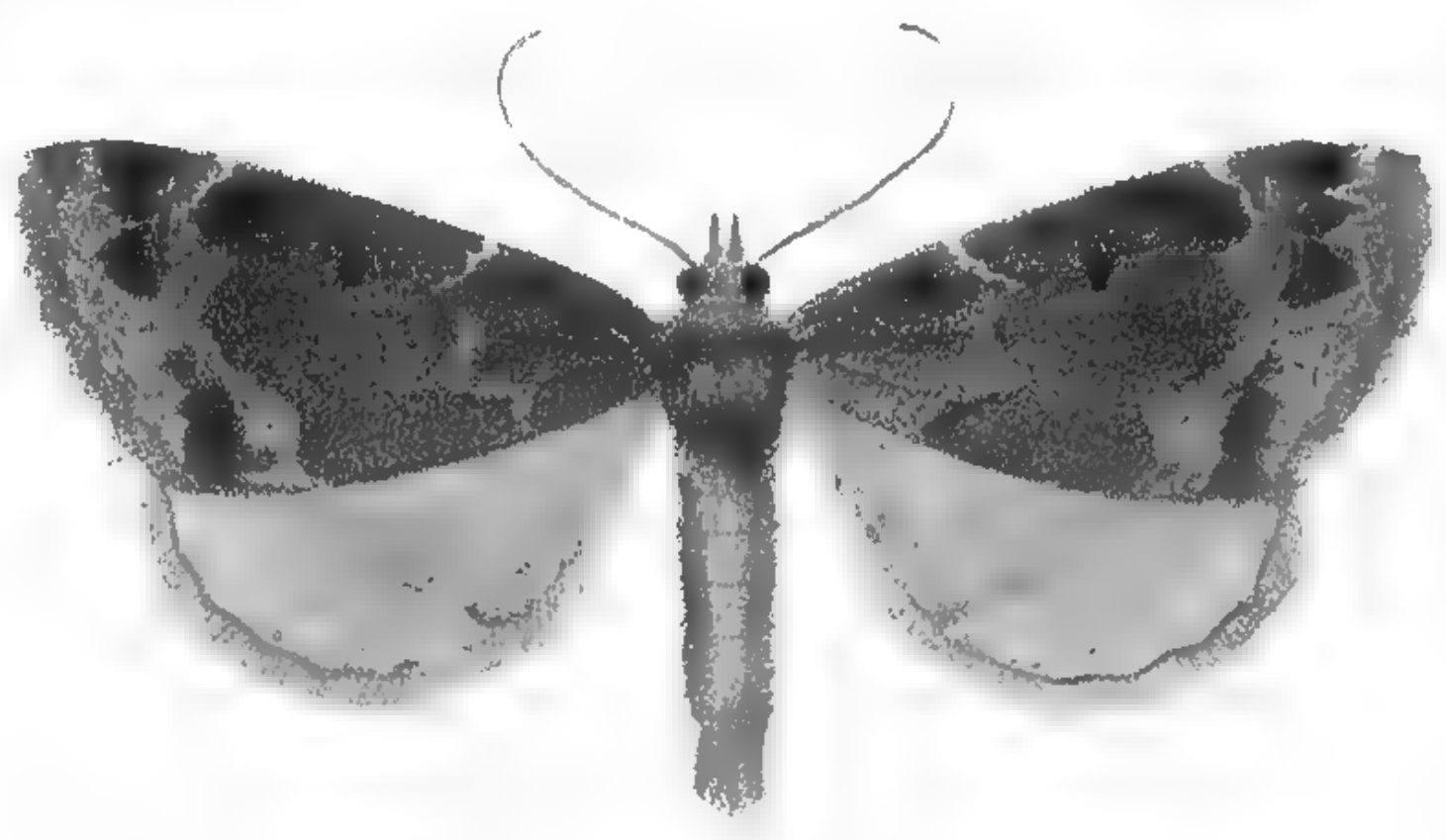
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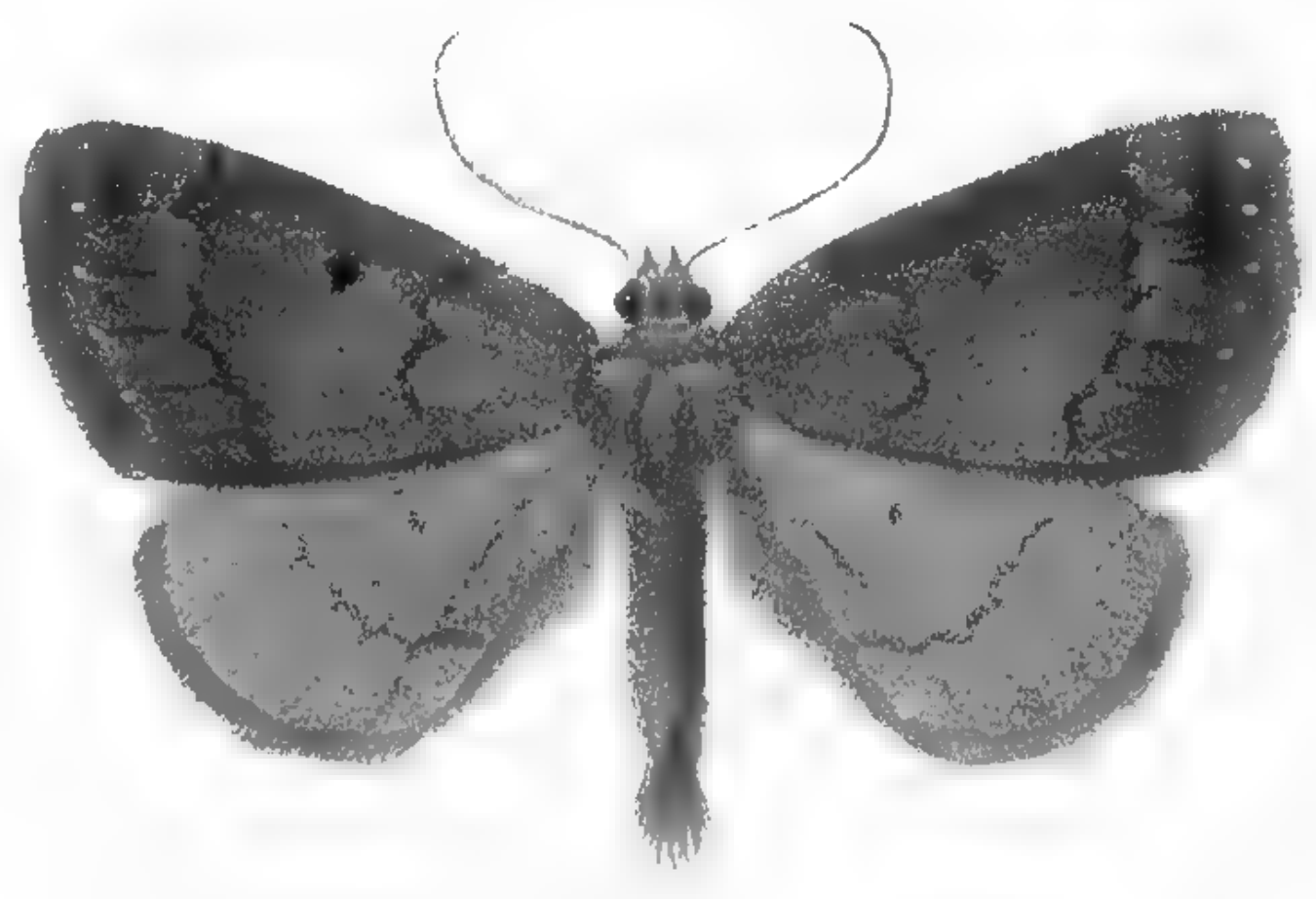
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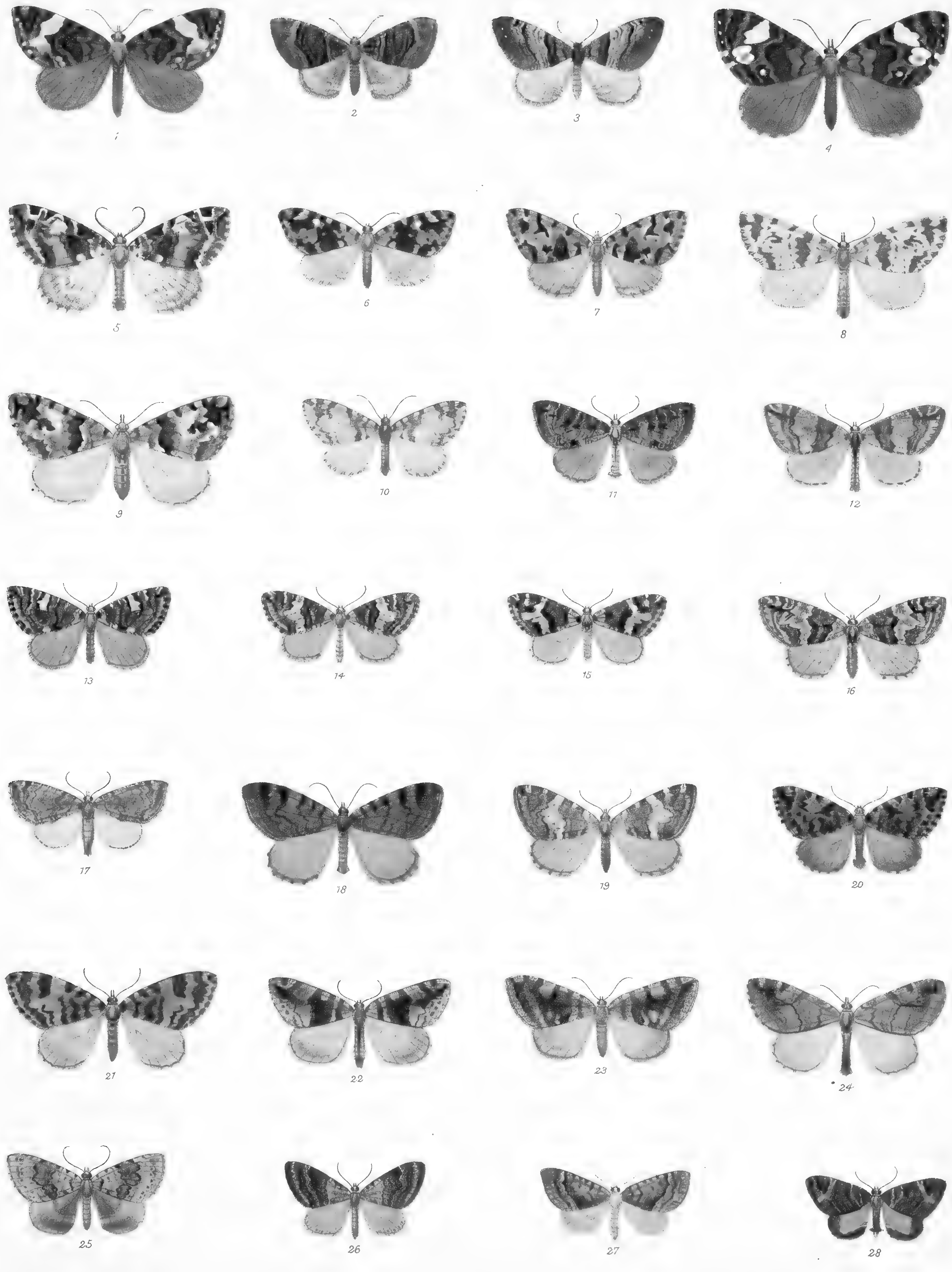
1 EUPITHECIA ORETILIA.
2 „ CHOMA.
3 „ PACTIA.
4 „ (?) PANDA.
5♂, 6♀ „ (?) OSIANA.
7♂ LEPIODES CHRODNA.
8 „ (?) PIERIA.

9 LOBOPHORA (?) ORTHESIA.
10 „ (?) CEREVIA.
11♂ CLEOMANTES MŒRENS.
12♂, 13♀ LARENTIA COLUMELLA.
14♂ „ CORE.
15♂ „ POLIMELA.
16♂ „ (?) CONICA.
17♂ „ (?) PLAUTILLA.

18, 19 HETERUSIA CLUSTIMENA.
20, 21 „ V-ALBUM.
22 PTEROCYPHA COMETES.
23, 24♂, 25♀ ISCHNOPTERYX CHRYSES.
26, 27♂ „ CANOPUS.
28♂ „ (?) ARISTOPHILIDES.
29♂ „ (?) POLYMENES.

W. Purkiss lith.
Hanhart imp.
619.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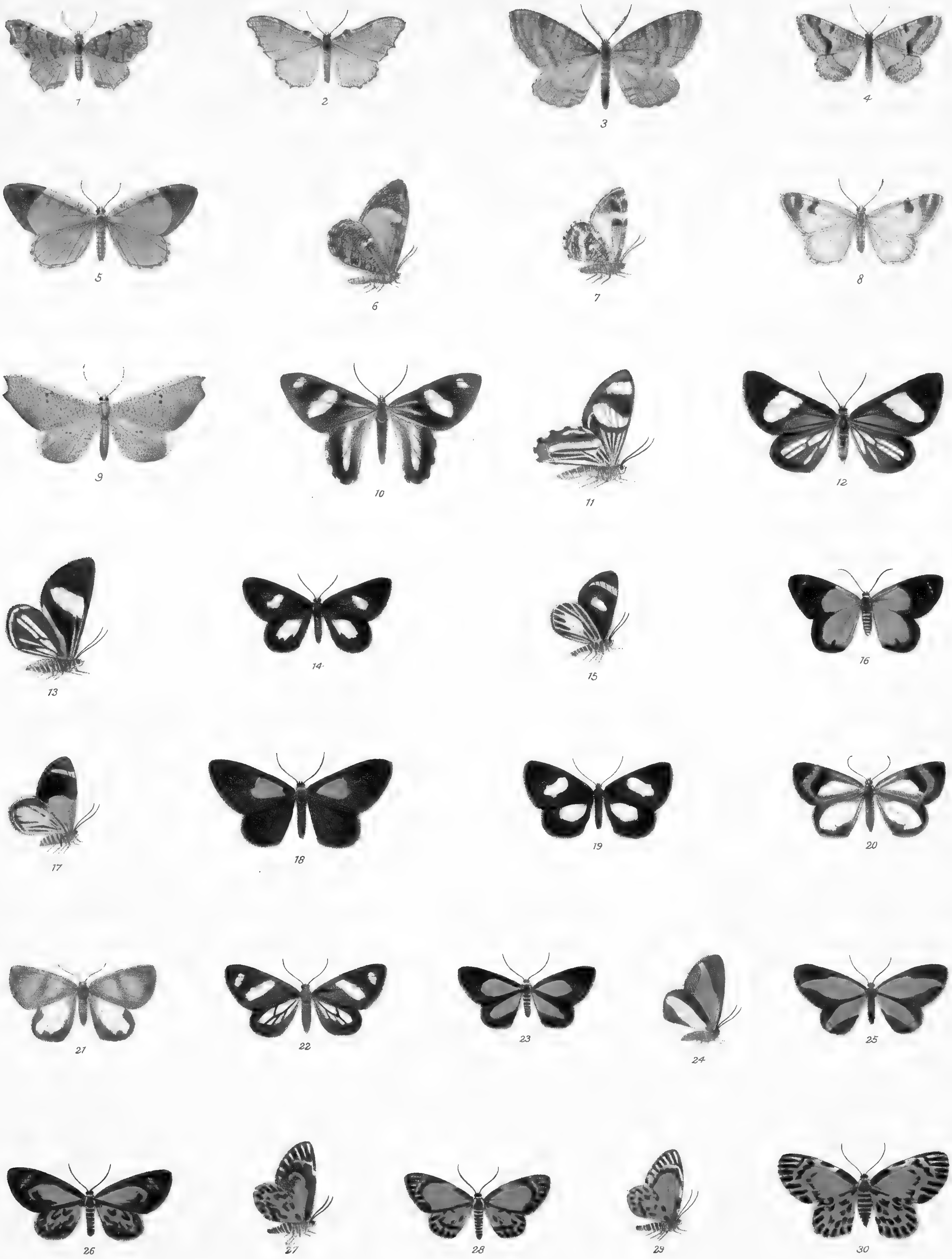
1♂ CIDARIA POLYPHONTA.
2 HAMMAPTERA CORAS.
3 " (?) CYLON.
4♀ CIDARIA POLYPHONTA.
5♂ " (?) PREMA.
6♂, 7♀ " (?) POMPONIA.

8♂, 9♀ CIDARIA (?) DAMO.
10♂ " CYRIADES.
11–15♂ HYDRIOMENA SORDIDATA.
16♀ " ".
17♂ " CUMA.
18♂, 19♀ " PROBA.
20♂, 21♀ " CYDRA.

22♂, 23♀ HYDRIOMENA DADA.
24♂ " CYNOSURA.
25 EPIRRHOE CRYPTA.
26♂ " DAIRA.
27 " CYLLENE.
28♂ " PSYRA.

W. Purkiss lith.

Hanhart imp.
620.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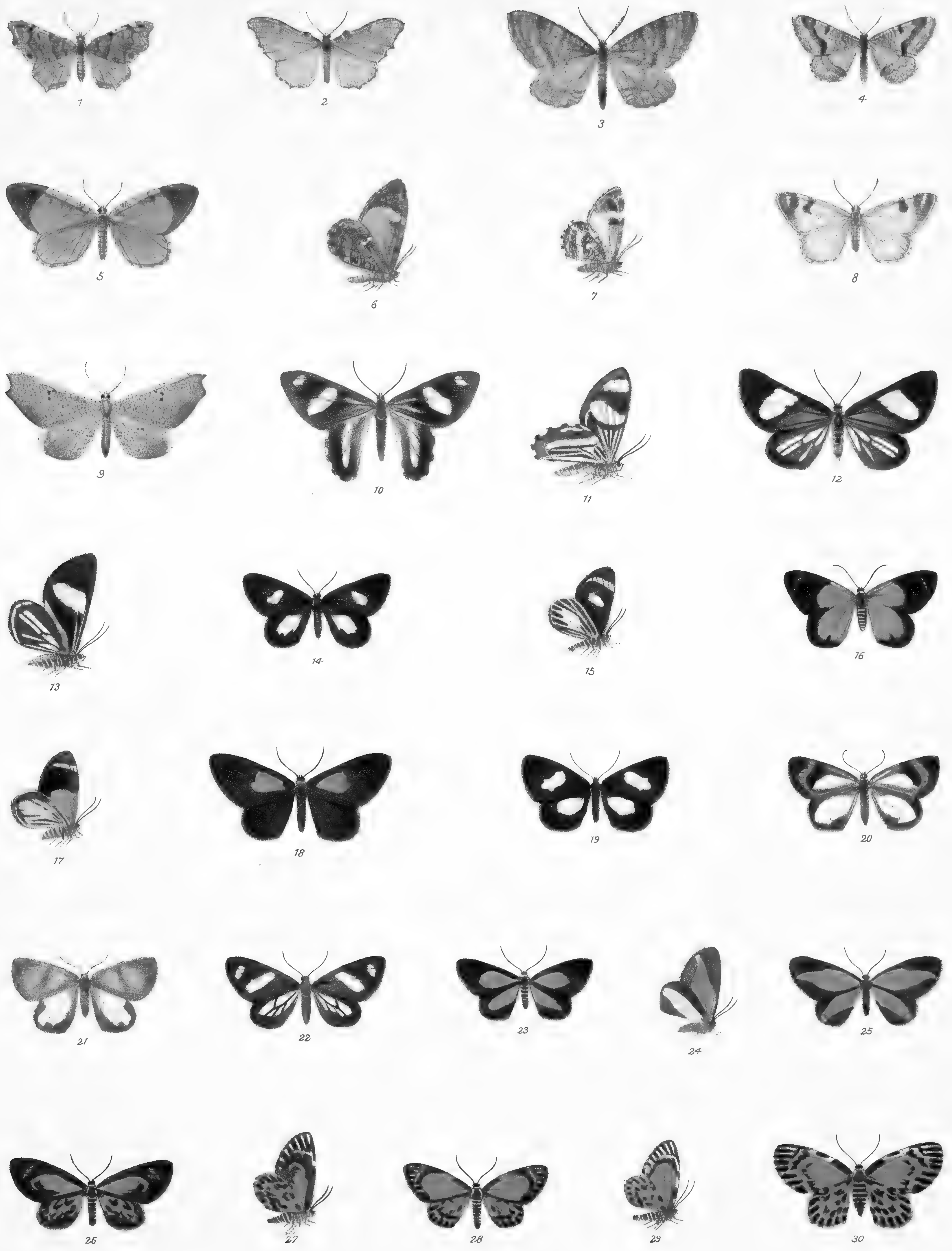
1 DINEURODES (?) POPULONIA.
2 " (?) CYNOSSEMA.
3♂ EUBOLIA DANAE.
4 " CYDA.
5,6 STAMNODES PROANA.
7,8 MARMOPTERYX PATAMON.
9 PHELLINODES RUBEDINARIA.

10,11 ERATEINA ROGERSI.
12,13 " CYRIS.
14,15 TROCHIODES POLYXENA.
16,17 " CYDONIA.
18 " CRUSA.
19 " (?) PRUSA.

20 TROCHIODES (?) PROANA.
21 " (?) PROMENEA.
22 " (?) CROSSA.
23 EMPLOCIA POTENTIA.
24,25 " CYNAXA.
26,27 " PRUMNIDES.
28, 29♂, 30♀ " TORTRICINA.

W. Purkiss lith.

Hanhart imp
622.



1 DINEURODES (?) POPULONIA.
2 " (?) CYNOSSEMA.
3♂ EUBOLIA DANAE.
4 " CYDA.
5,6 STAMNODES PROANA.
7,8 MARMOPTERYX PATAMON.
9 PHELLINODES RUBEDINARIA.

10,11 ERATEINA ROGERSI.
12,13 " CYRIS.
14,15 TROCHIODES POLYXENA.
16,17 " CYDONIA.
18 " CRUSA.
19 " (?) PRUSA.

20 TROCHIODES (?) PROANA.
21 " (?) PROMENEA.
22 " (?) CROSSA.
23 EMPLOCIA POTENTIA.
24,25 " CYNAXA.
26,27 " PRUMNIDES.
28, 29♂, 30♀ " TORTRICINA.

W. Purkiss lith.
Hanhart imp
622.

Blue Cyan Green Yellow Red Magenta White 3/Color Black
KODAK Color Control Patches © The Tiffen Company, 2000 Kodak LICENSED PRODUCT
Centimetres 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19
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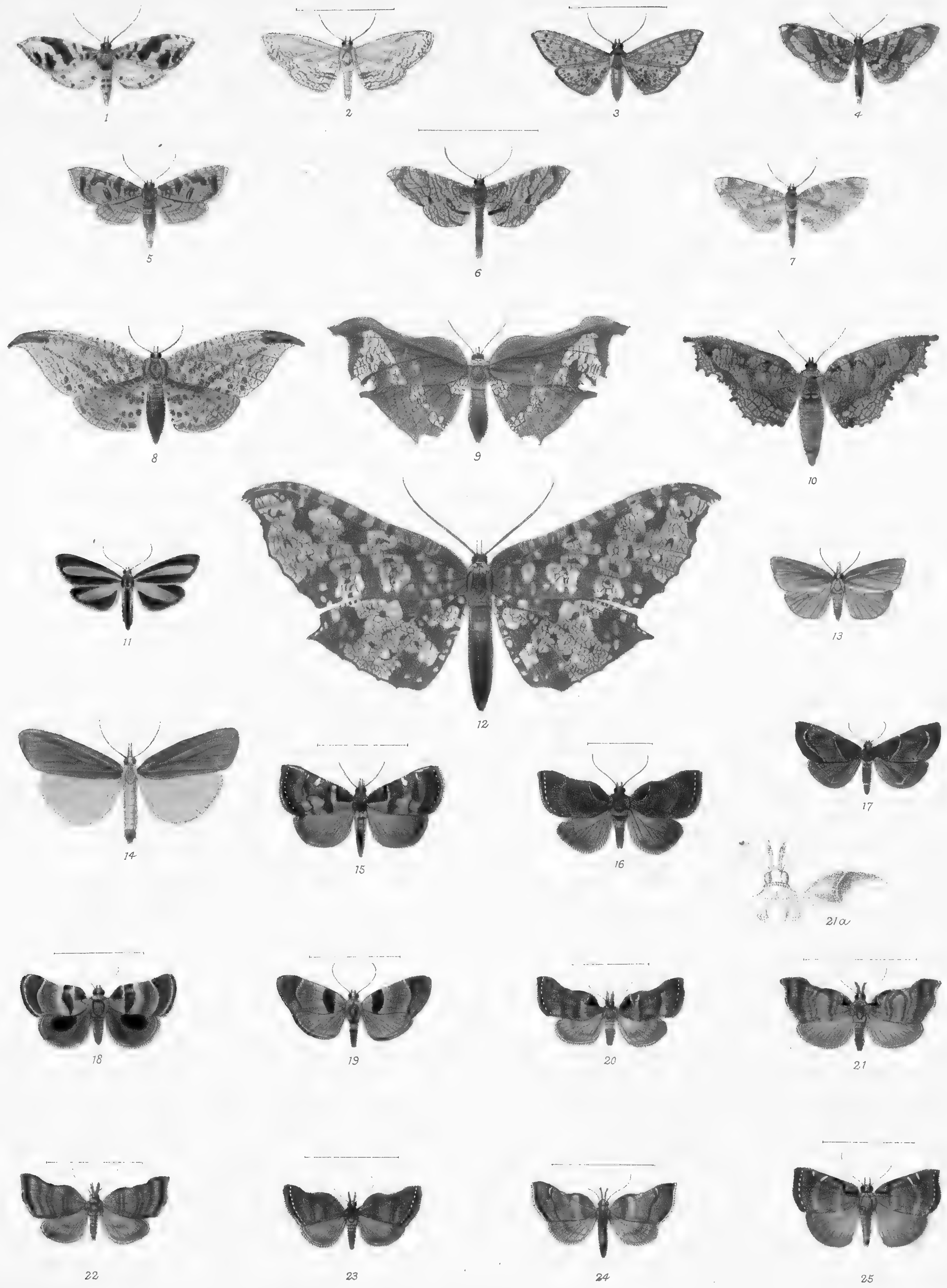


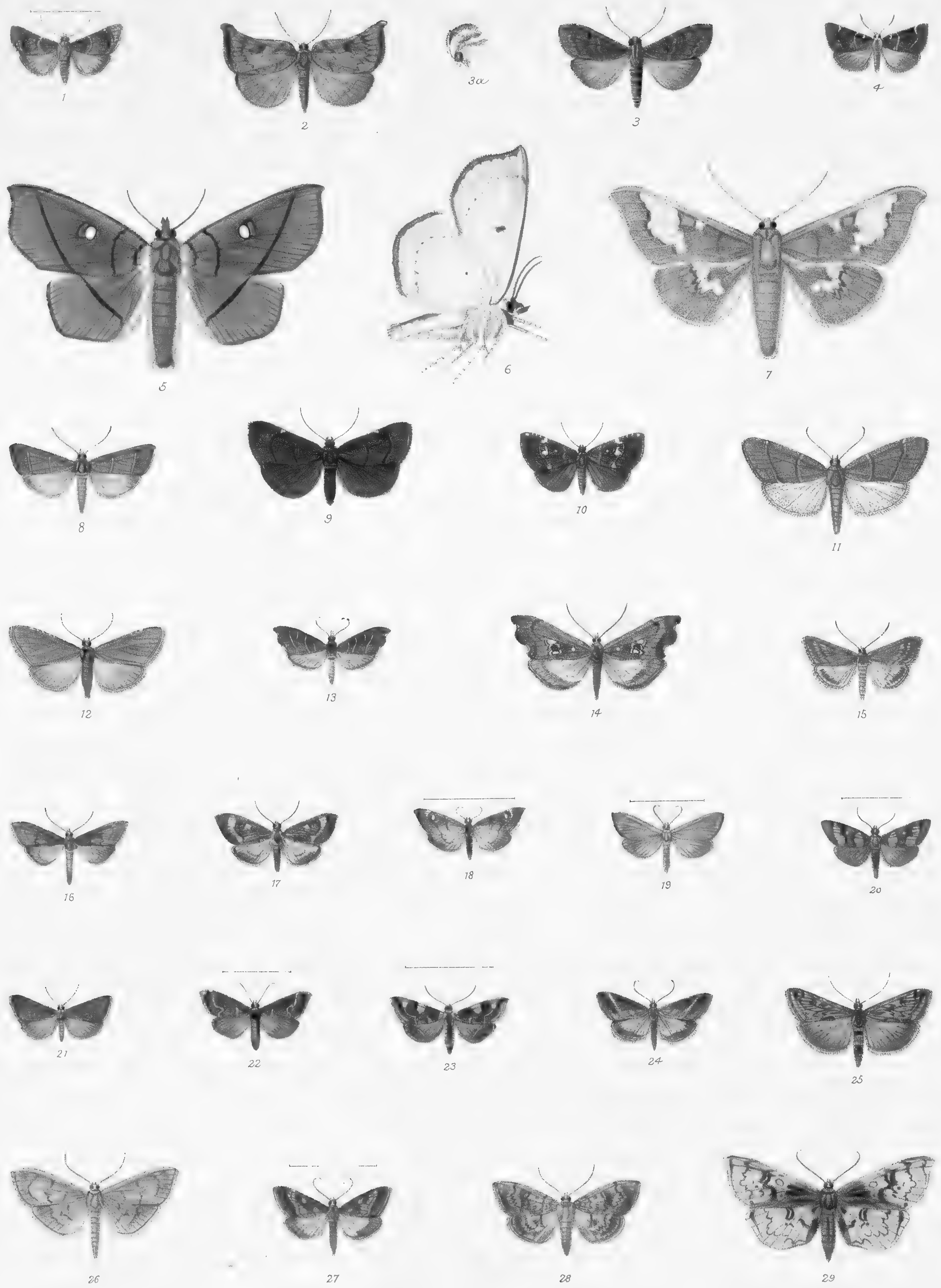
1 RHODONEURA PULCHELLOIDES.?
2 " PAULLULA.
3 " VIOLALIS.
4 " LÆVIGATA, *var.*
5 PHARAMBARA POLYCHLORALIS.
6 RHODONEURA ANASTOMOSALIS.
7 IZA HEDILALIS.
8 AZIBA MACROPTERANA.

9 DRACONIA (?) RUSINA.
10 " DENTICULATA.
11 EPISEMNIA LIGATALIS.
12 DRACONIA PERIPHETA.
13 MAPETA CYNOSURA.
14 " SCHAUSI.
15♂ AMBLYURA PROCLEA.

16♂ AMBLYURA CECROPIA.
17 AZAMORA PENICILLANA.
18♂, 19♀ TOSALE OVIPLAGALIS.
20♂ SALOBRENA CYRISIALIS.
21, 21a♂, 22♀ ŒCTOPERIA PROPYLEA.
23♀ " CYNISCA.
24♀ CLYDONOPTERON POMPONIUS.
25♂ CATADUPA SPLENDENS.

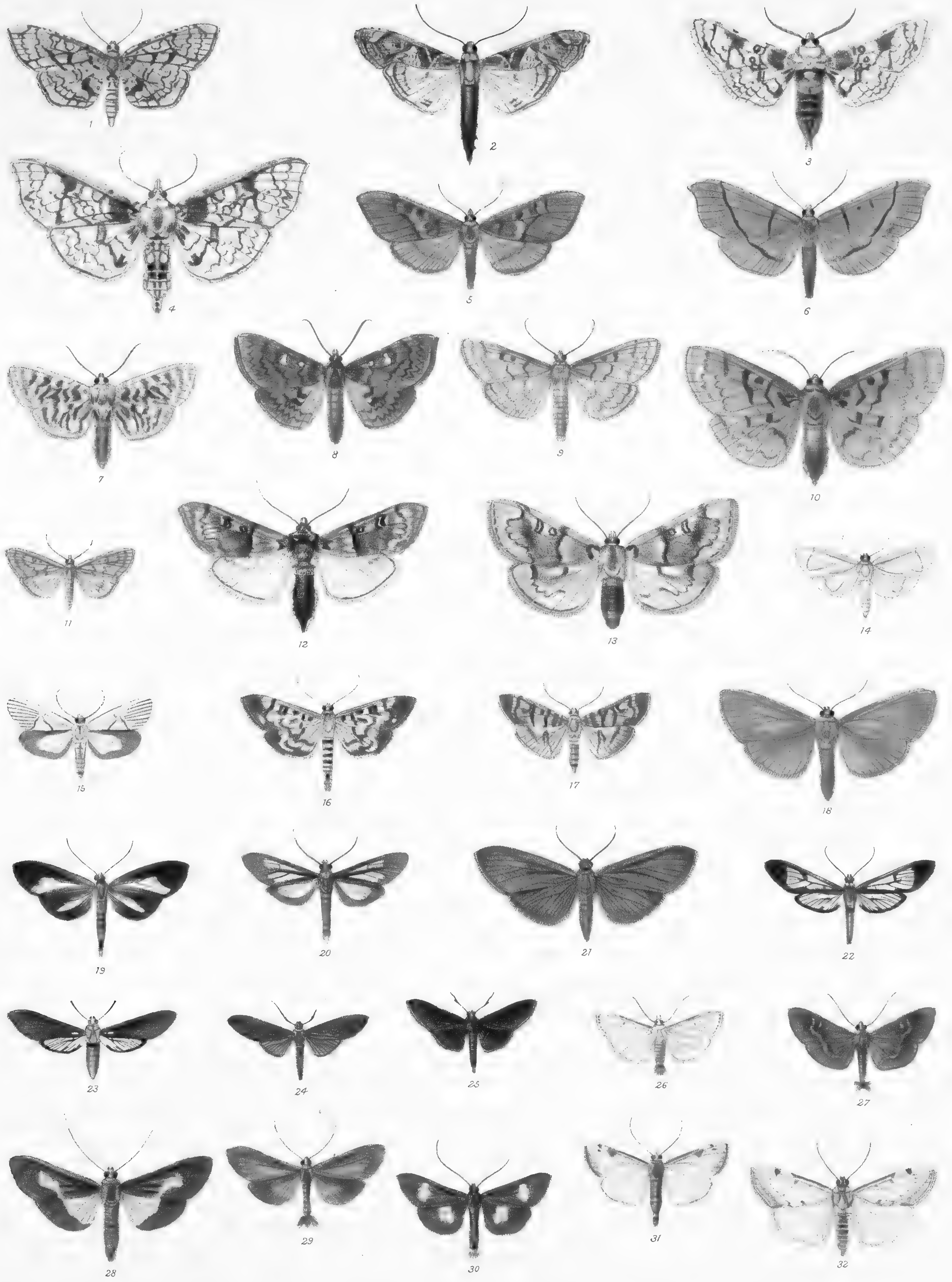
W. Purkiss lith.

Hanhart imp.
651.



1 GALASA DEERA.
2♀ IDNEA PROPRIANA.
3, 3a MACALLA DAPHA.
4♂ GALASA (?) DAULISALIS.
5, 6♀ TETRAPHANA DAPHNE.
7♀ SIGA PYRONIA.
8♀ UGRA SUBROSEALIS.
9♂ STEMMATOPHORA DEMONICA.
10 " (?) ALBOPUNCTALIS.
11 PYRALIS DATAMES.
12 " DECETIALIS.
13 SUFETULA DENTATA.
14 " RUSINA.
15 PYRAUSTA CYRALIS.
16 " DECETIALIS.
17 PHLYCTÆNIA PRAXITALIS.
18 " (?) PRUSALIS.
19 SYLLYTHRIA ROSA.
20 " IDESSA.
21 SYLLYTHRIA CONRADTI.
22 " SALVIA.
23 " RHEALIS.
24 HERBULA PROCHYTALIS.
25 BOREOPHILA CERERALIS.
26 CONDYLORRHIZA SUBLUTALIS.
27 HYALORISTA DEIDAMIALIS.
28 EPICORSIA PRUMNIDES.
29 APHYTOCEROS LYBIALIS.

W. Purkiss lith.
Hanhart imp.
653.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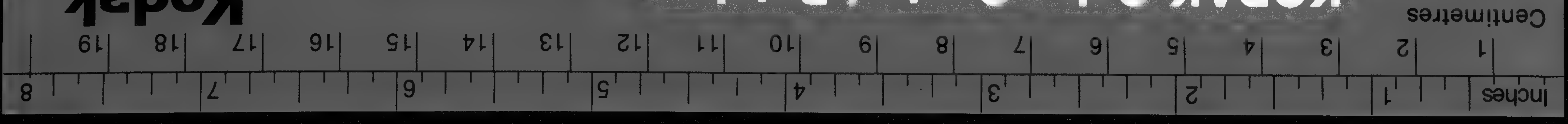
1♀ APHYTOCEROS SENAHUENSIS.
2 TERASTIA METICULOSALIS.
3♂, 4♀ MEGASTES PRAXITELES.
5 ATHEROPODA REMUSALIS.
6 " PONTEALIS.
7 POLYGRAMMODES SANGUINALIS.
8 PACHYNOA CRŒSUS.
9♂, 10♀ " FLAVIDALIS.
11♂ PACHYZANCLA CYNOALIS.

12♂, 13♀ PACHYNOA CYCLADES.
14 ZUÑACETHA ANGULIFERA.
15 " BUGABENSIS.
16 SALBIA XIPHIALIS.
17 " LAURALIS.
18 SAROTHRONOTA (?) CITRINALIS.
19♂ ERILUSA CŒLIVITTA.
20♂ " CROCEICEPS.
21♀ " PURPURALIS.
22 ACRIDURA METALLICA.

23 ACRIDURA PROCHYTA.
24♂ " DÆDALA.
25 " (?) HADRIANA.
26 MARGARONIA INNOTATA.
27 EUDIOPTIS CUMALIS.
28 " PRAXIALIS.
29 " DAMALIS.
30 " EXCLUSALIS.
31♂, 32♀ CLINIODES CYLLARUSALIS.

W Purkiss del.

Hanhart lith.
656.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Cyan
Green
Yellow
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Magenta
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3/Color
Black
KODAK Color Control Patches
© The Tiffen Company, 2000
Kodak
LICENSED PRODUCT
Centimetres
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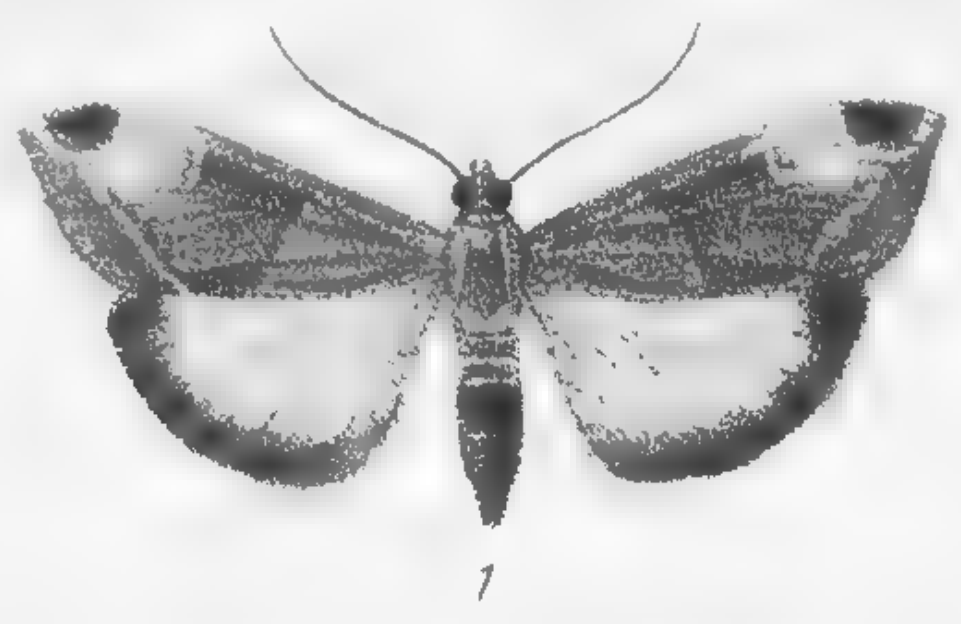
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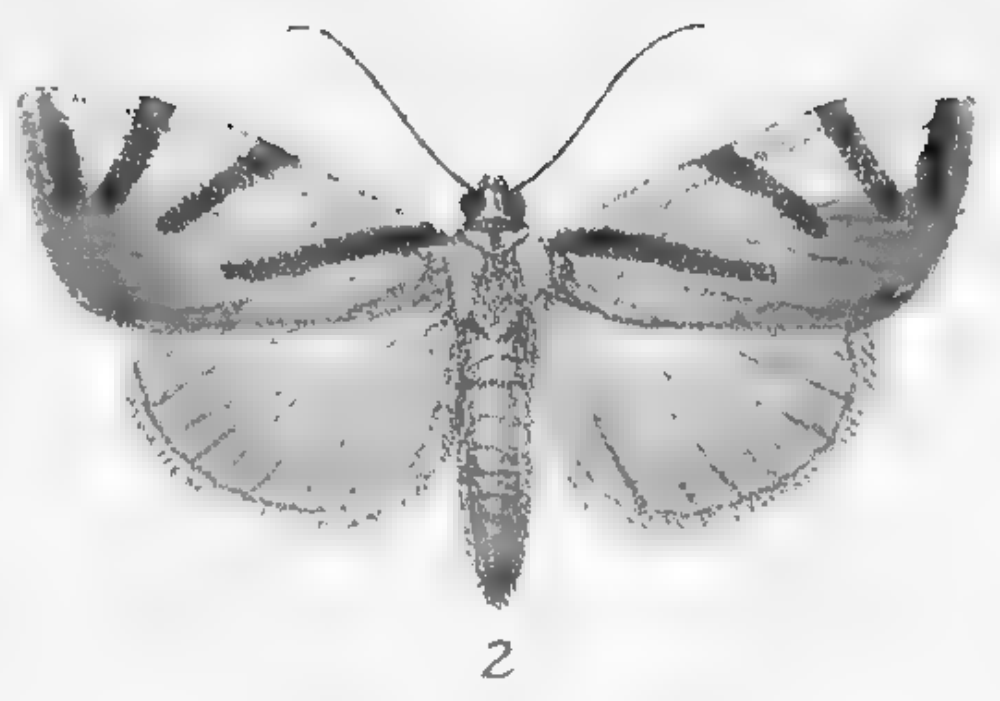
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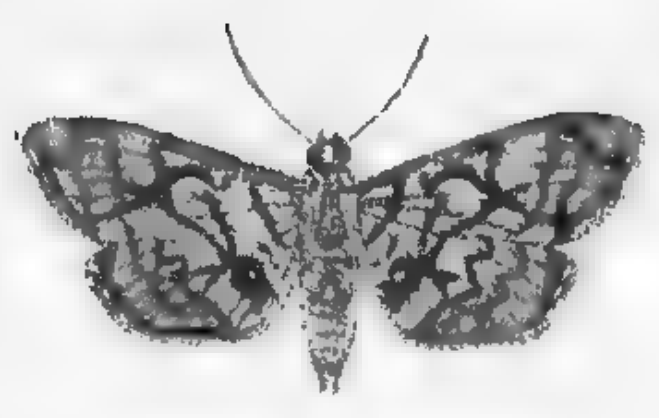
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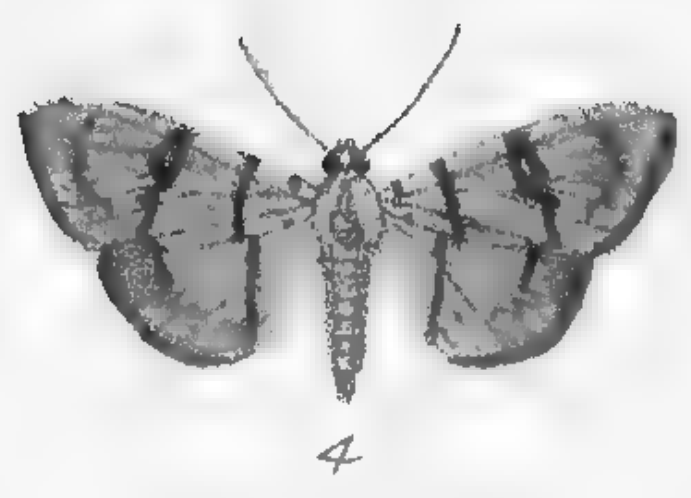
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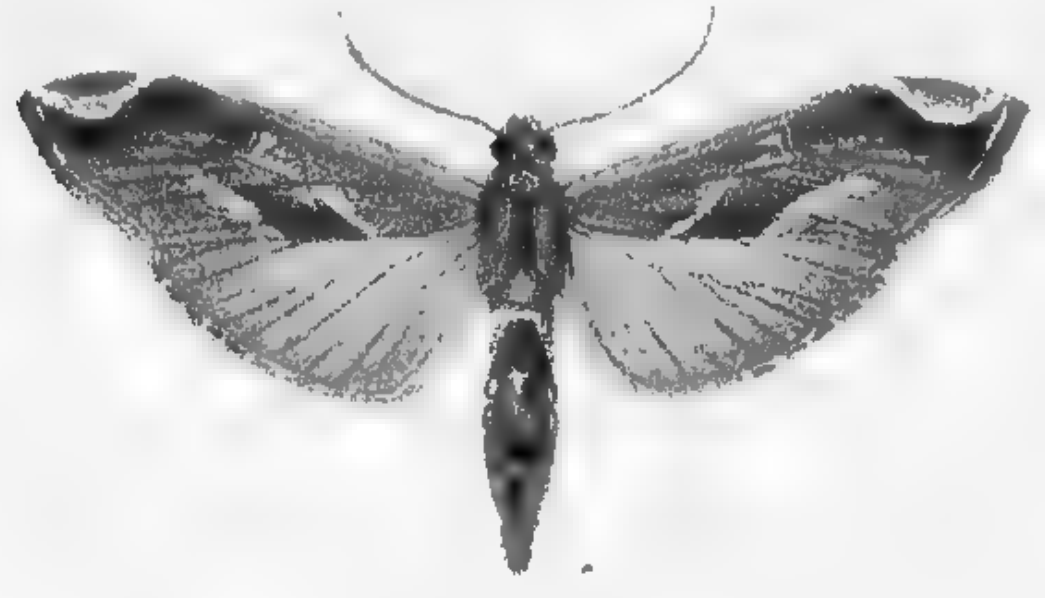
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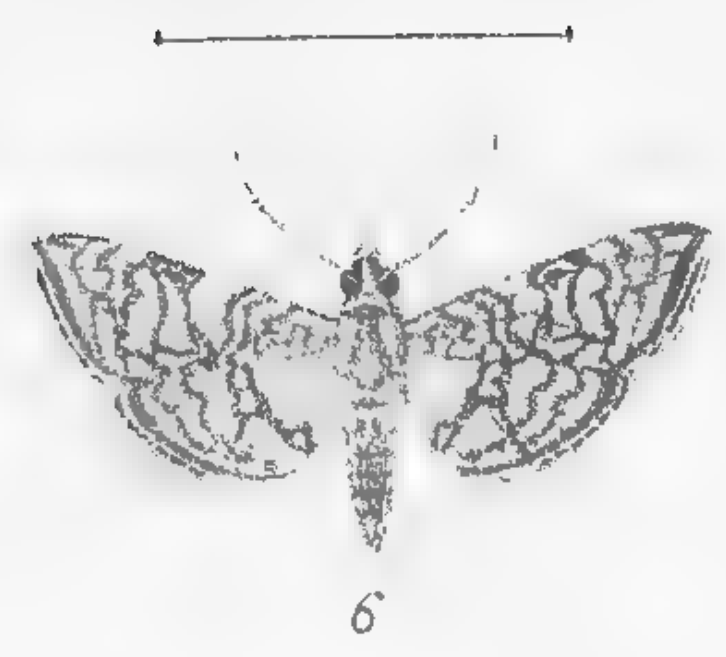
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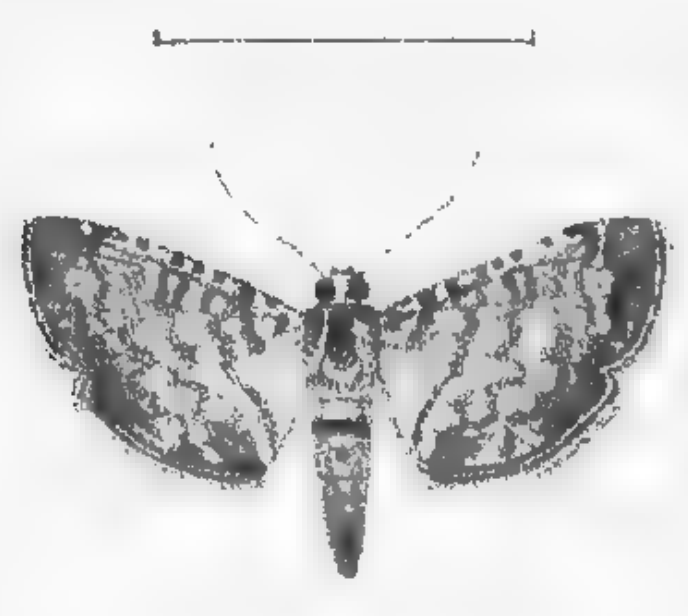
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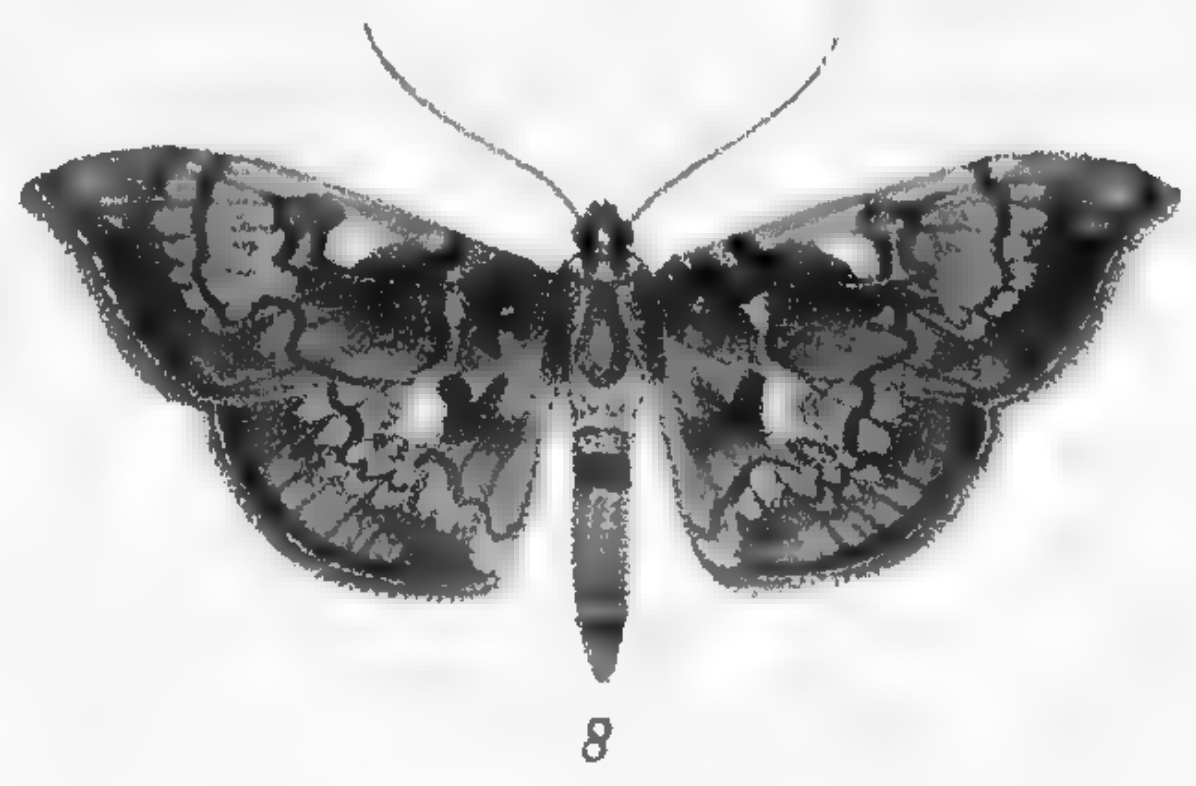
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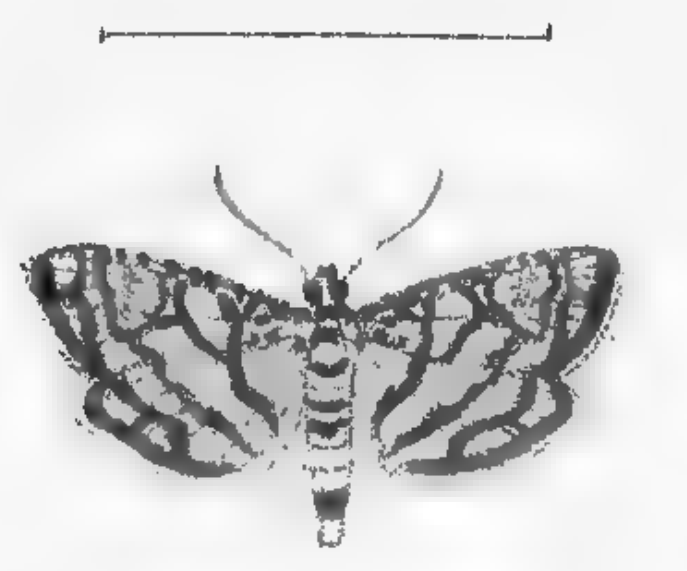
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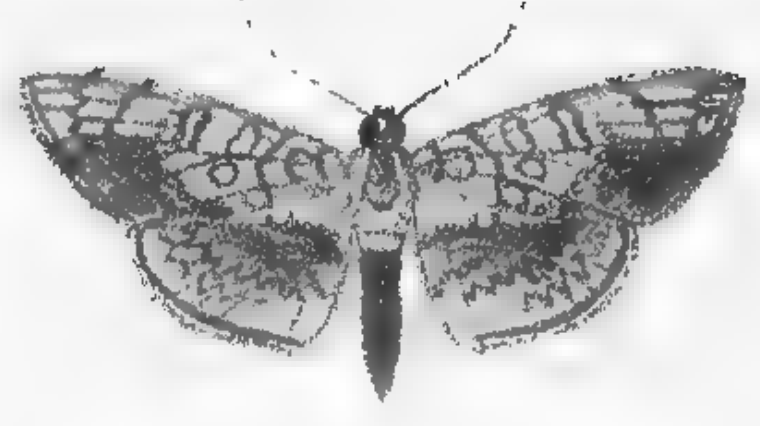
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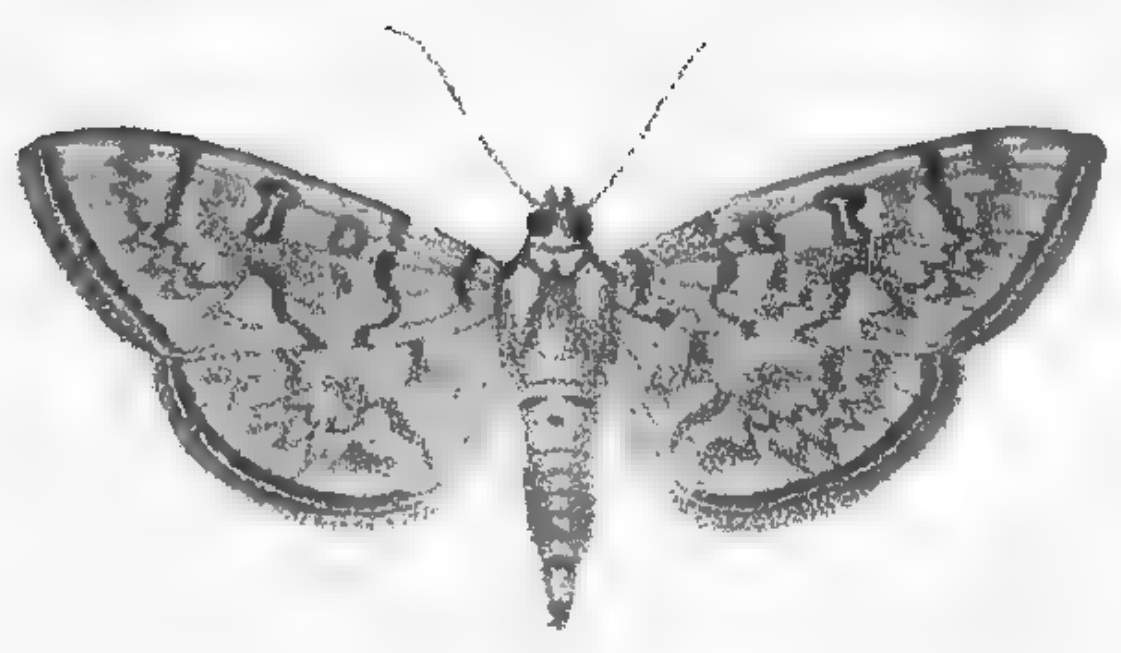
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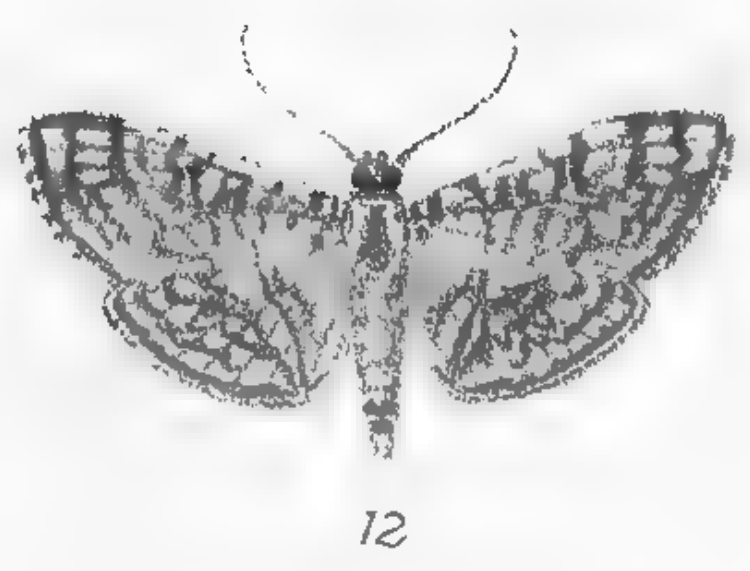
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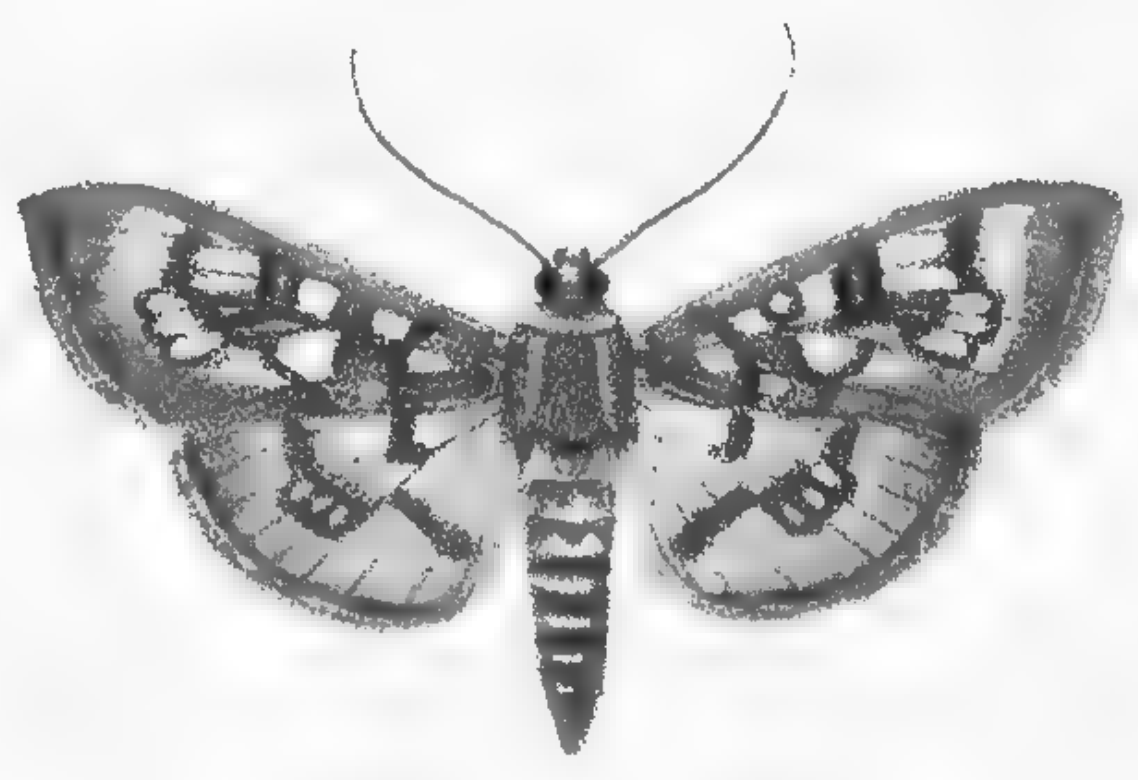
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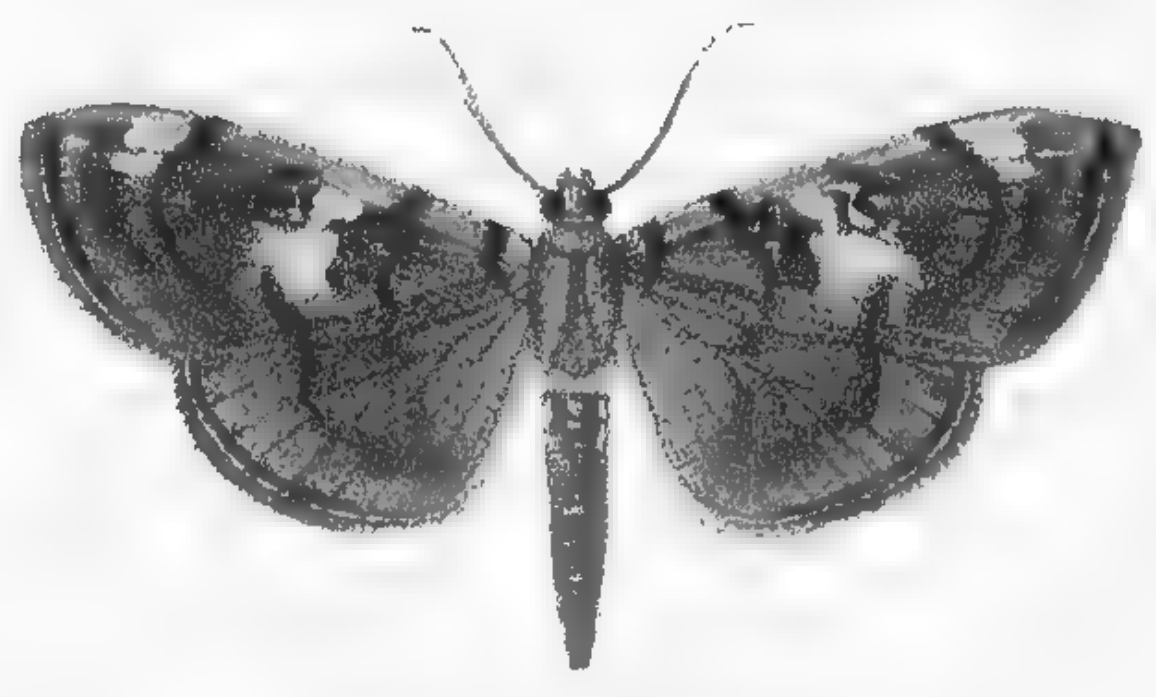
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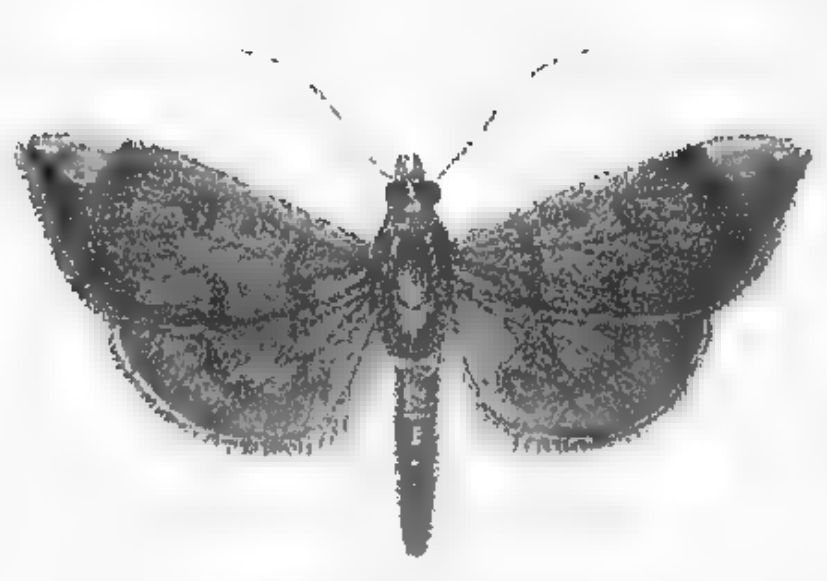
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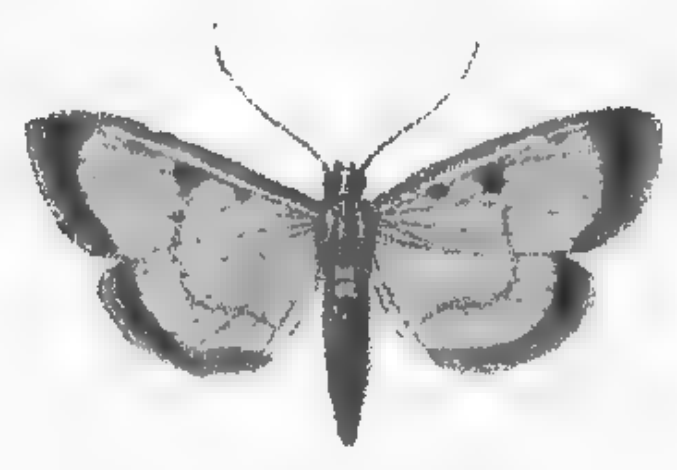
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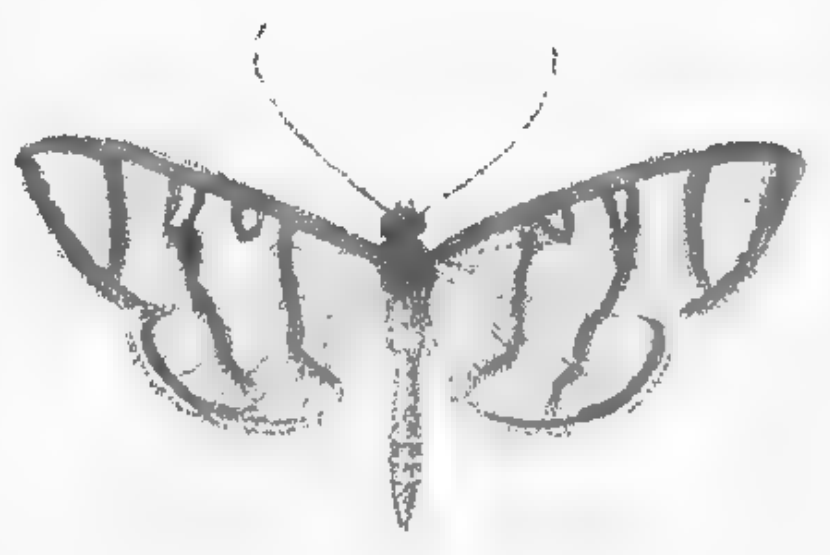
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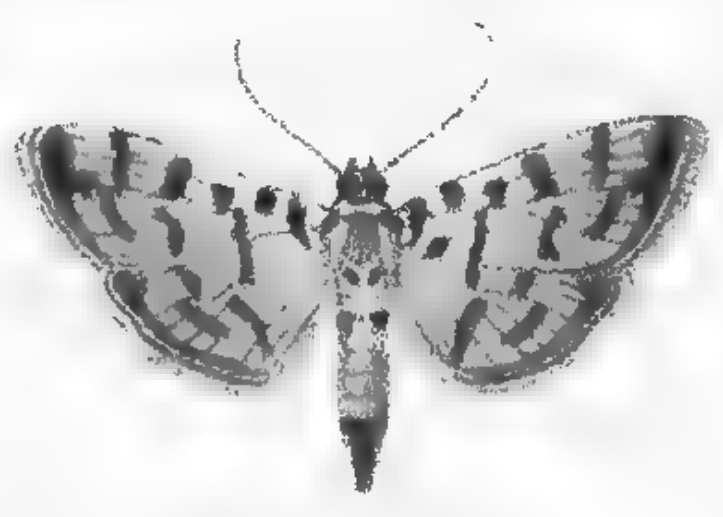
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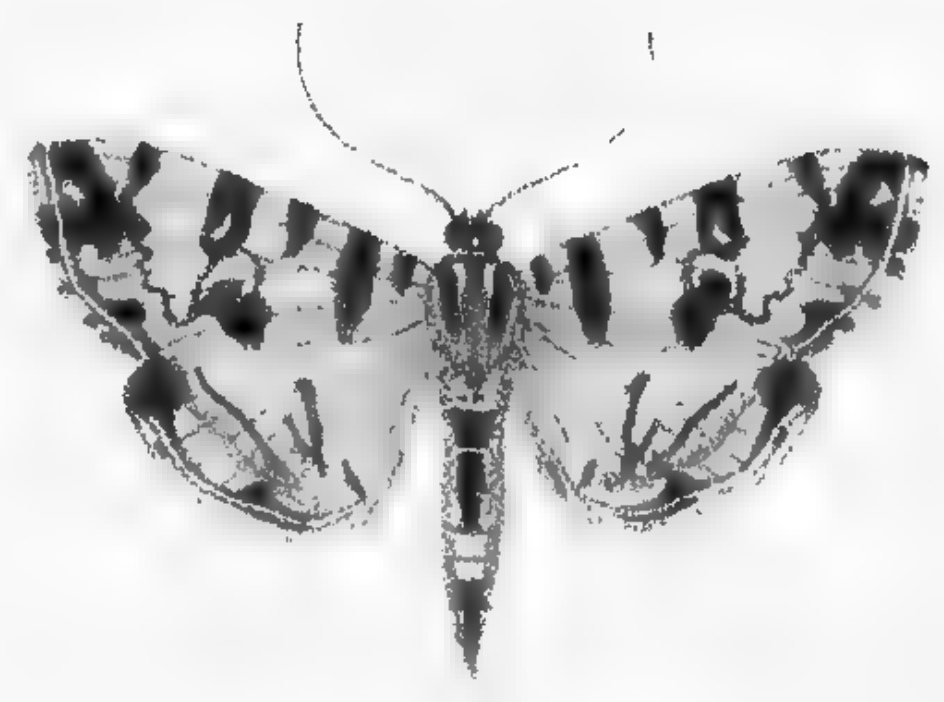
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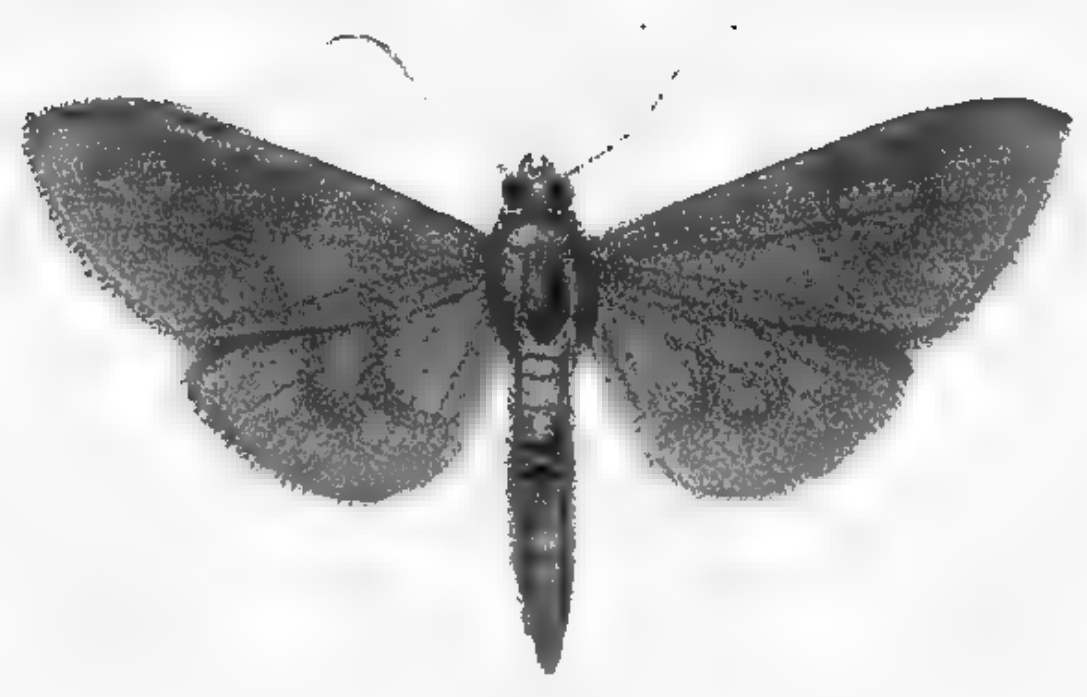
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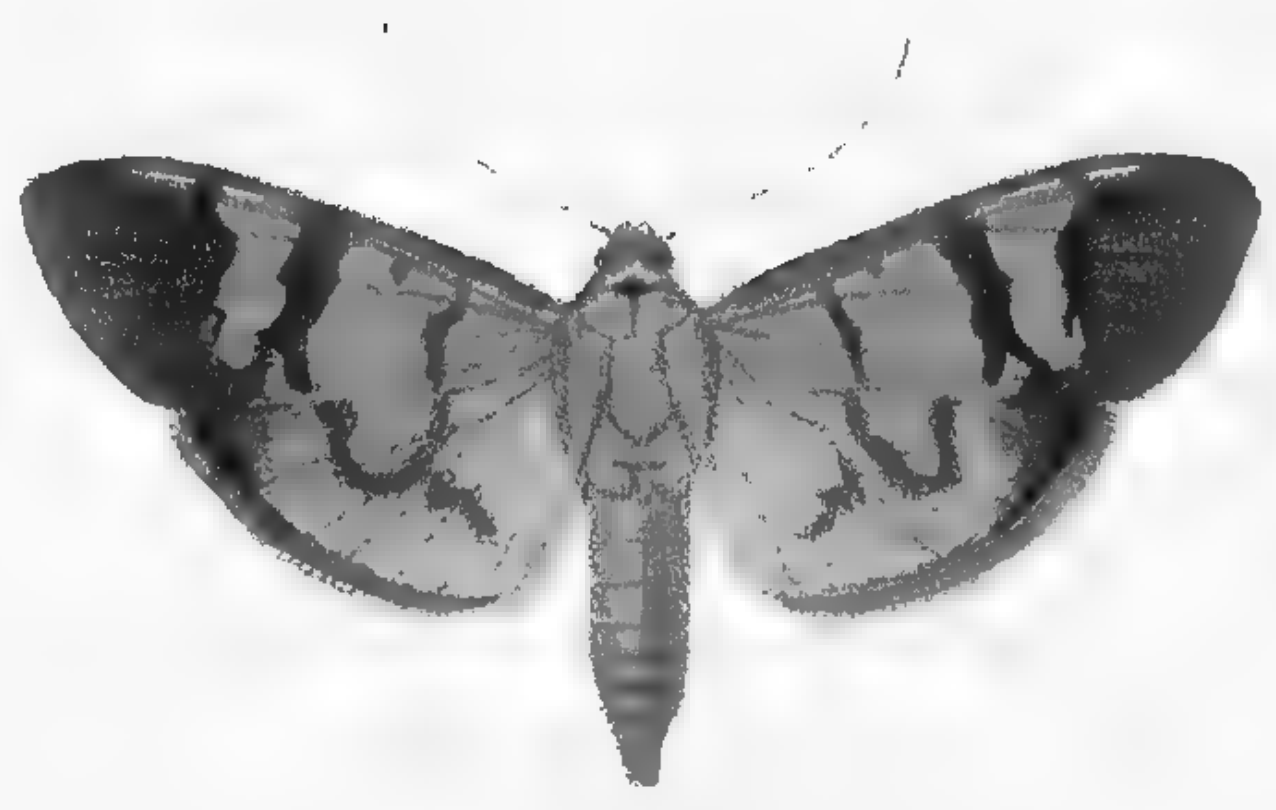
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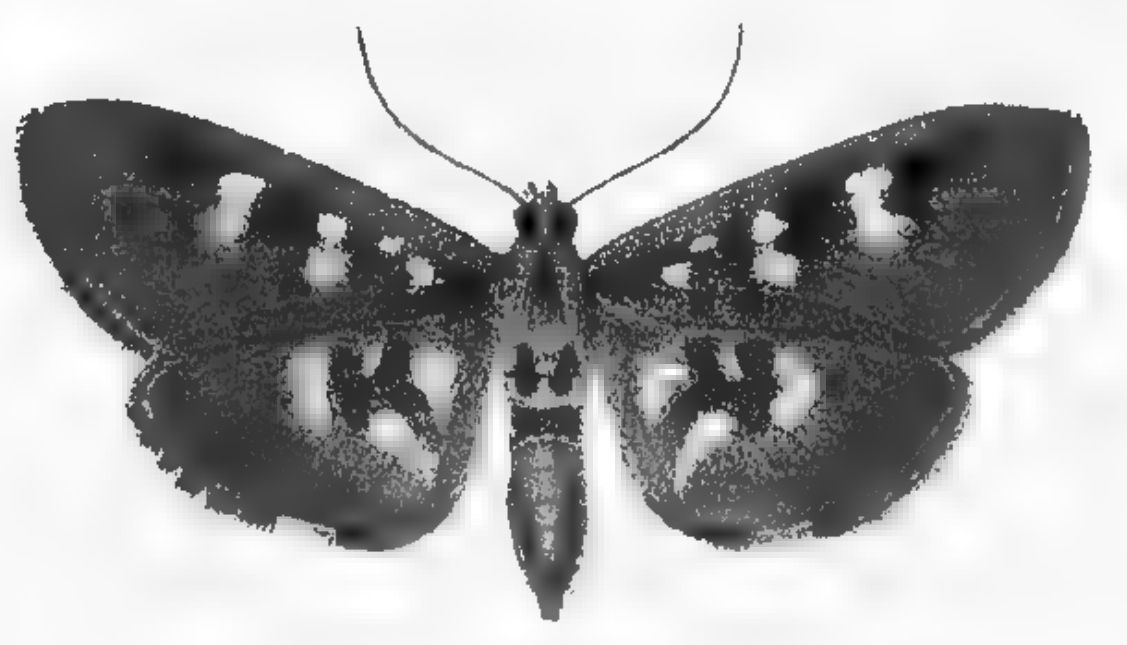
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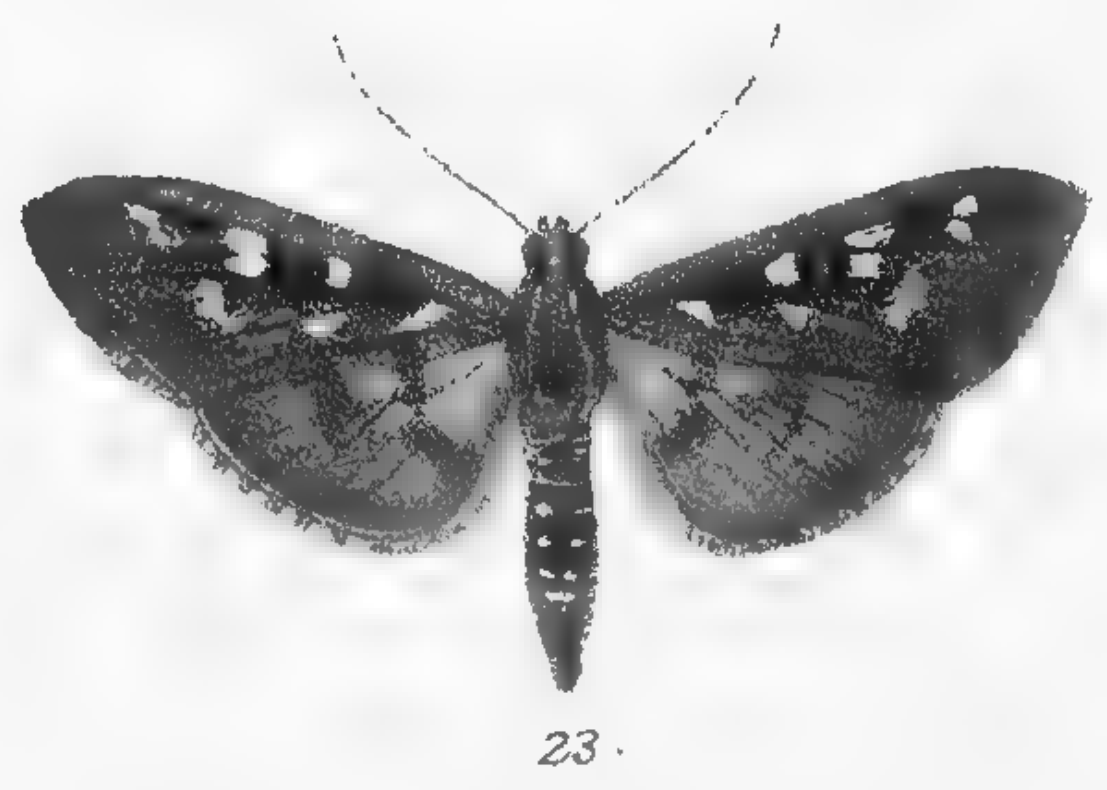
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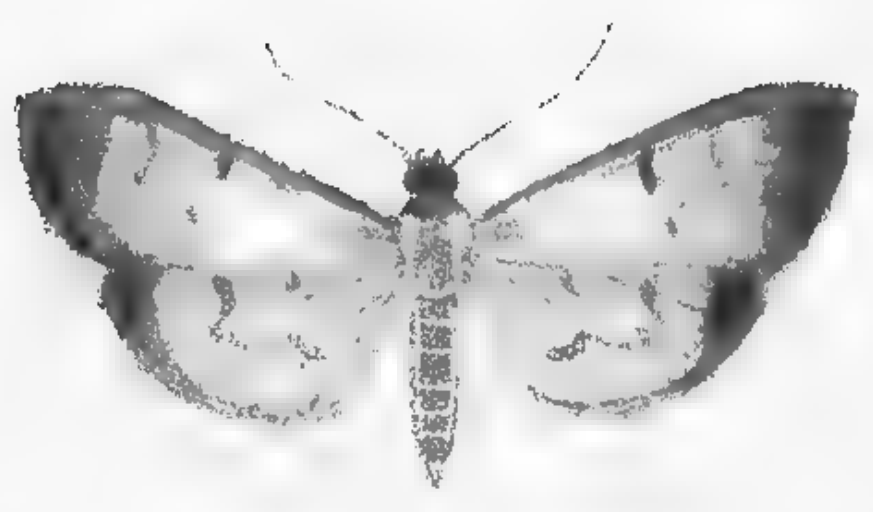
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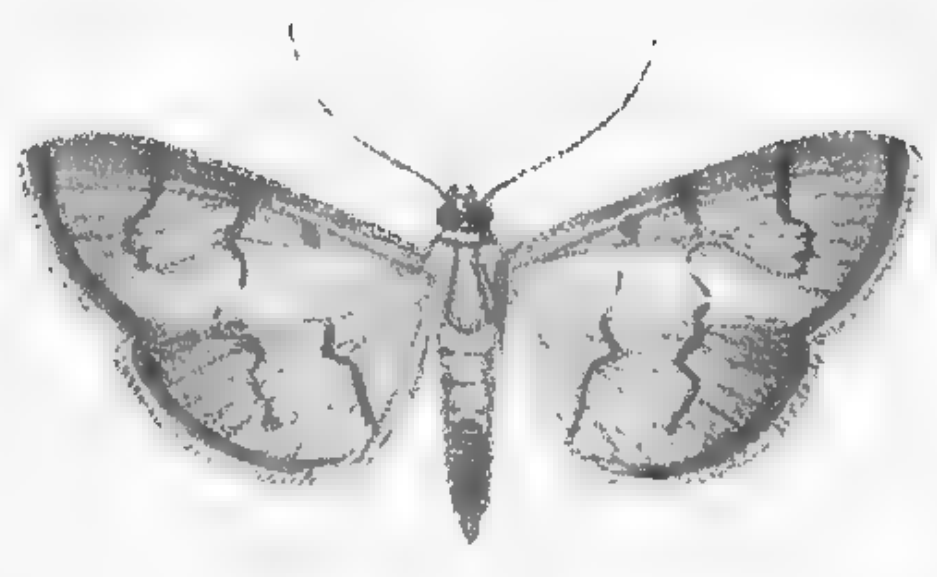
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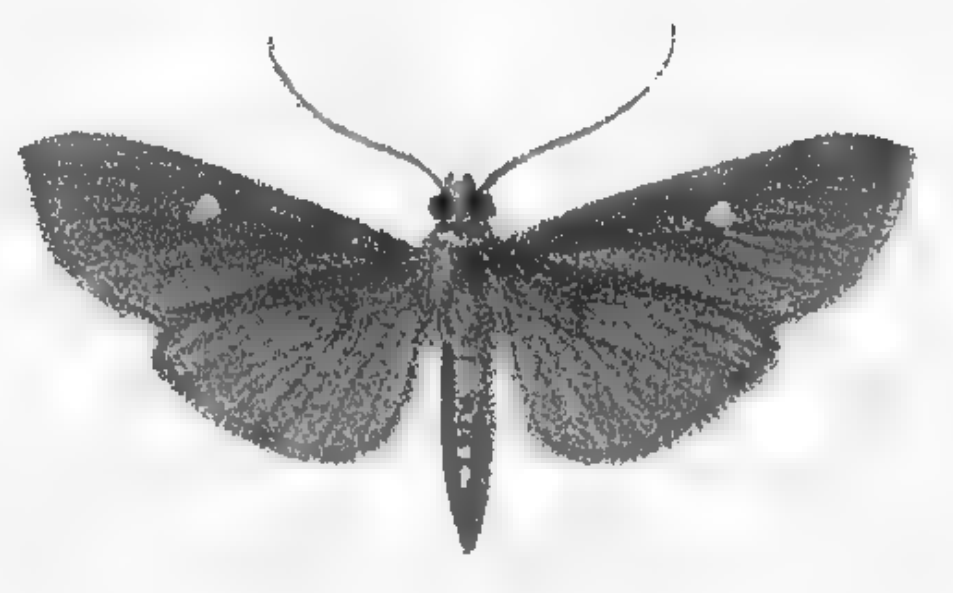
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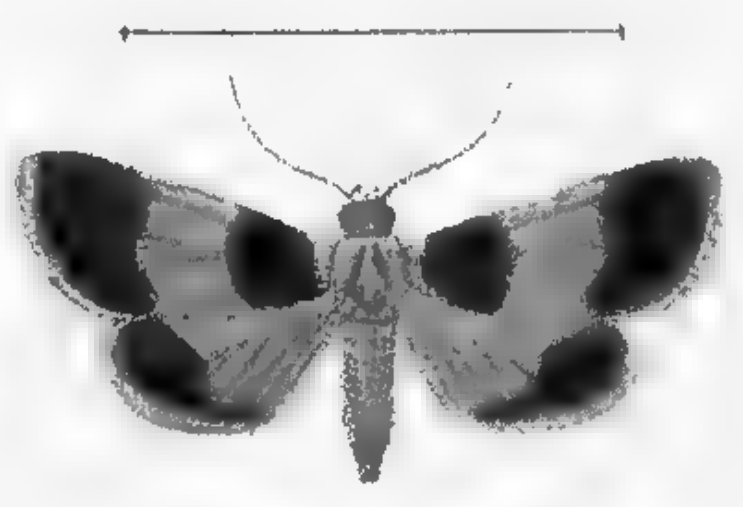
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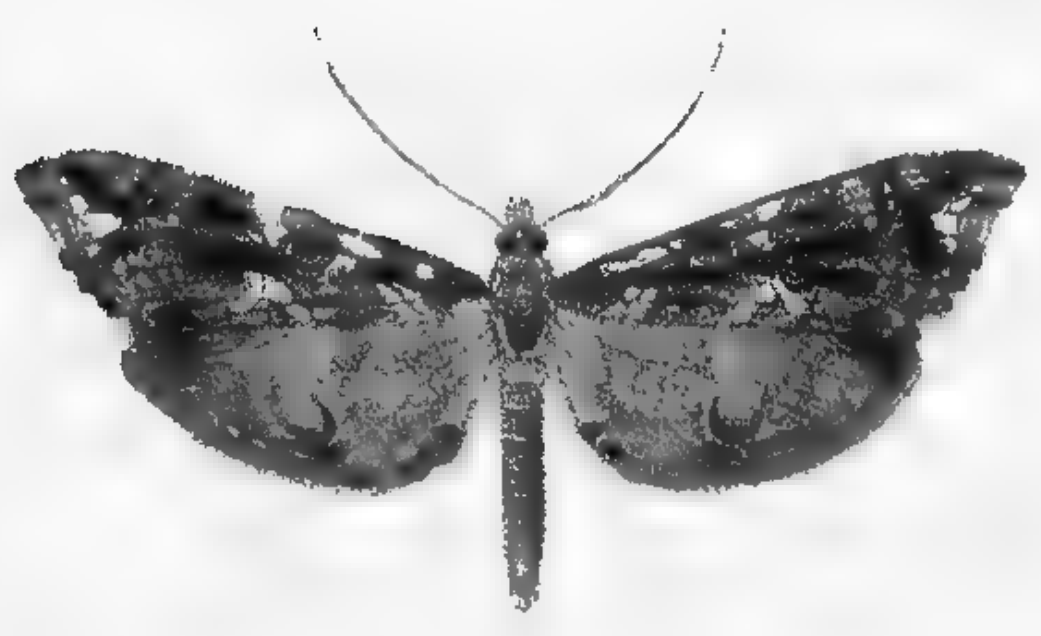
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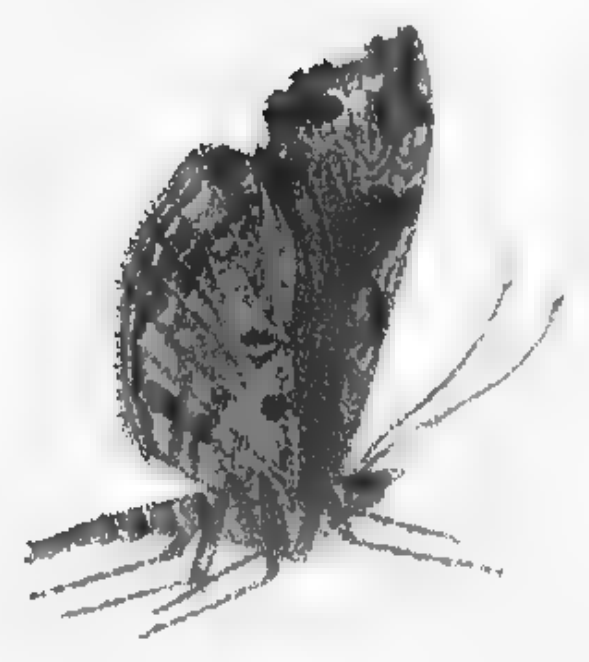
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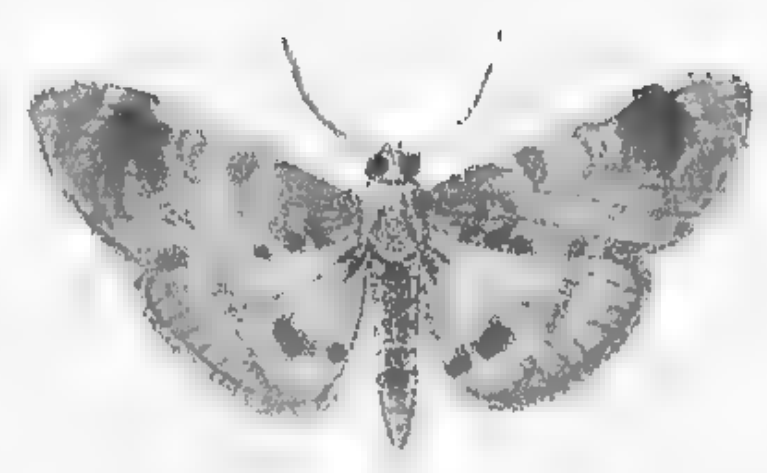
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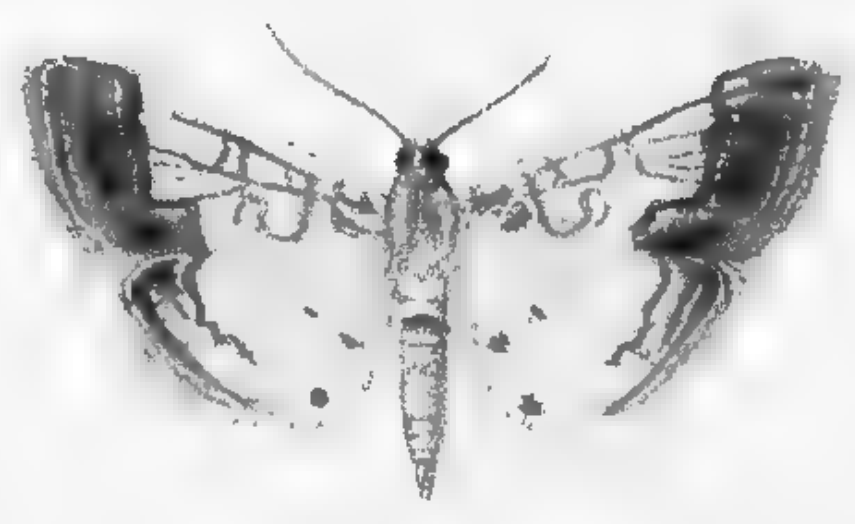
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1 CLINIODES OPALALIS.
2 CARBACA PROGNEALIS.
3 AGROTERA MARUCALIS.
4 „ CALANTICALIS
5 AGATHODES MONSTRALIS.
6 AGROTERA DARSANALIS.
7 PTERYGISUS APPIALIS.
8 PANTOGRAPHA CYBELEALIS.
9 PTERYGISUS RHEALIS.
10 PANTOGRAPHA SUFFUSALIS.

11 PANTOGRAPHA IDMONALIS.
12 „ PHARAXALIS.
13 „ GORGONALIS.
14 „ ORSONALIS.
15 SATHRIA MINNITHALIS.
16 MIMORISTA SALACONALIS.
17 LEDERERIA RANDALIS.
18 CONCHYLODES (?) SABATALIS.
19 „ SALAMISALIS.
20 OMIODES ROXONALIS.

21 OMIODES MILVALIS.
22 PHOSTRIA (?) CRYPTALIS.
23 „ (?) CYRISALIS.
24 EPICHRONISTIS DADALIS.
25 „ CYLONALIS.
26 ÆDIODES UNIPUNCTALIS.
27 FILODES PUCILLA.
28,29 RHECTOSEMIA ARGENTIPUNCTALIS.
30 LEUCOCHROMA PROSALIS.
31 „ SALTIGALIS.

W. Purkiss lith.
Hanhart lith.
657.

Blue Cyan Green Yellow Red Magenta White 3/Color Black
KODAK Color Control Patches © The Tiffen Company, 2000 Kodak LICENSED PRODUCT
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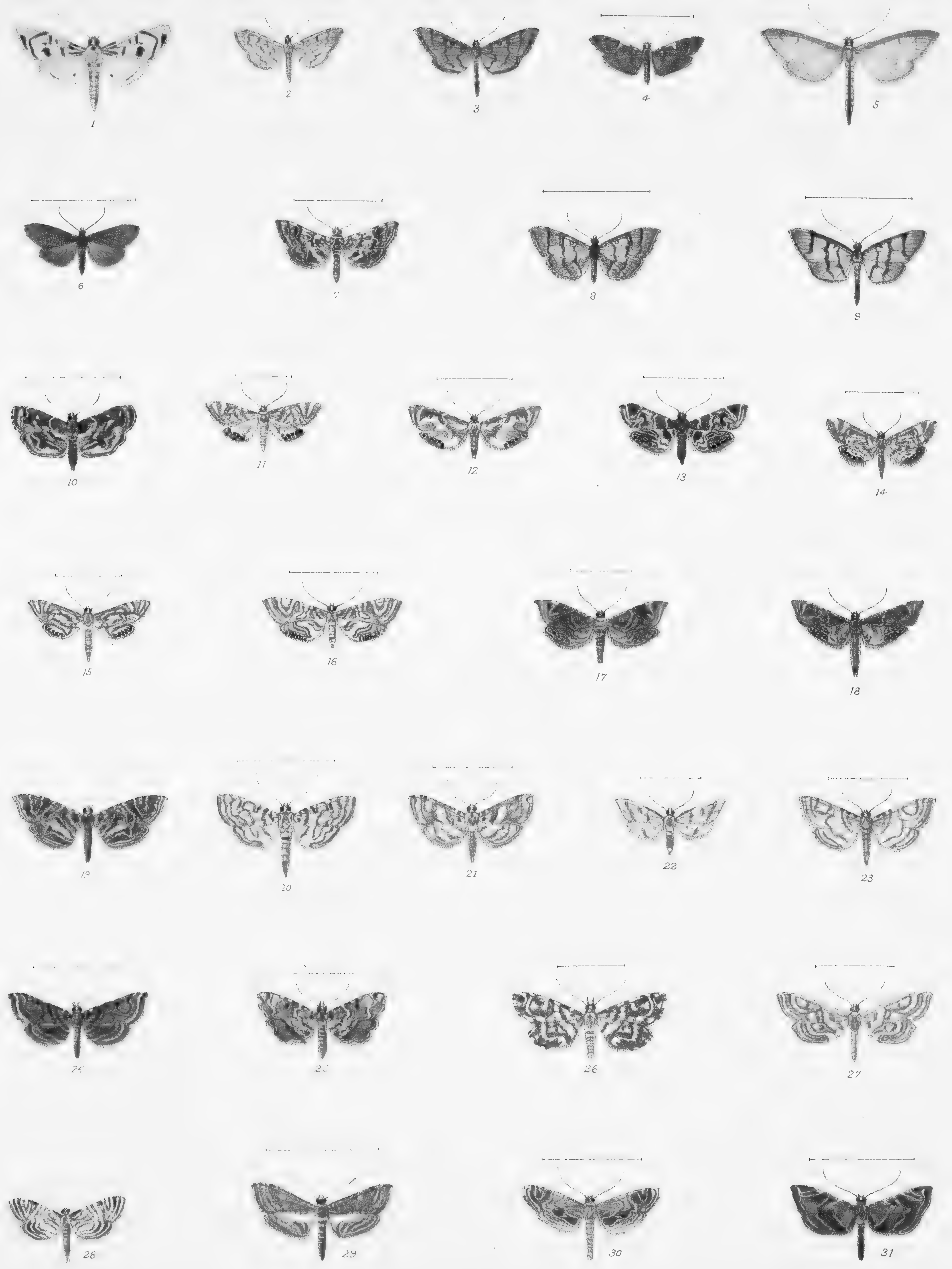
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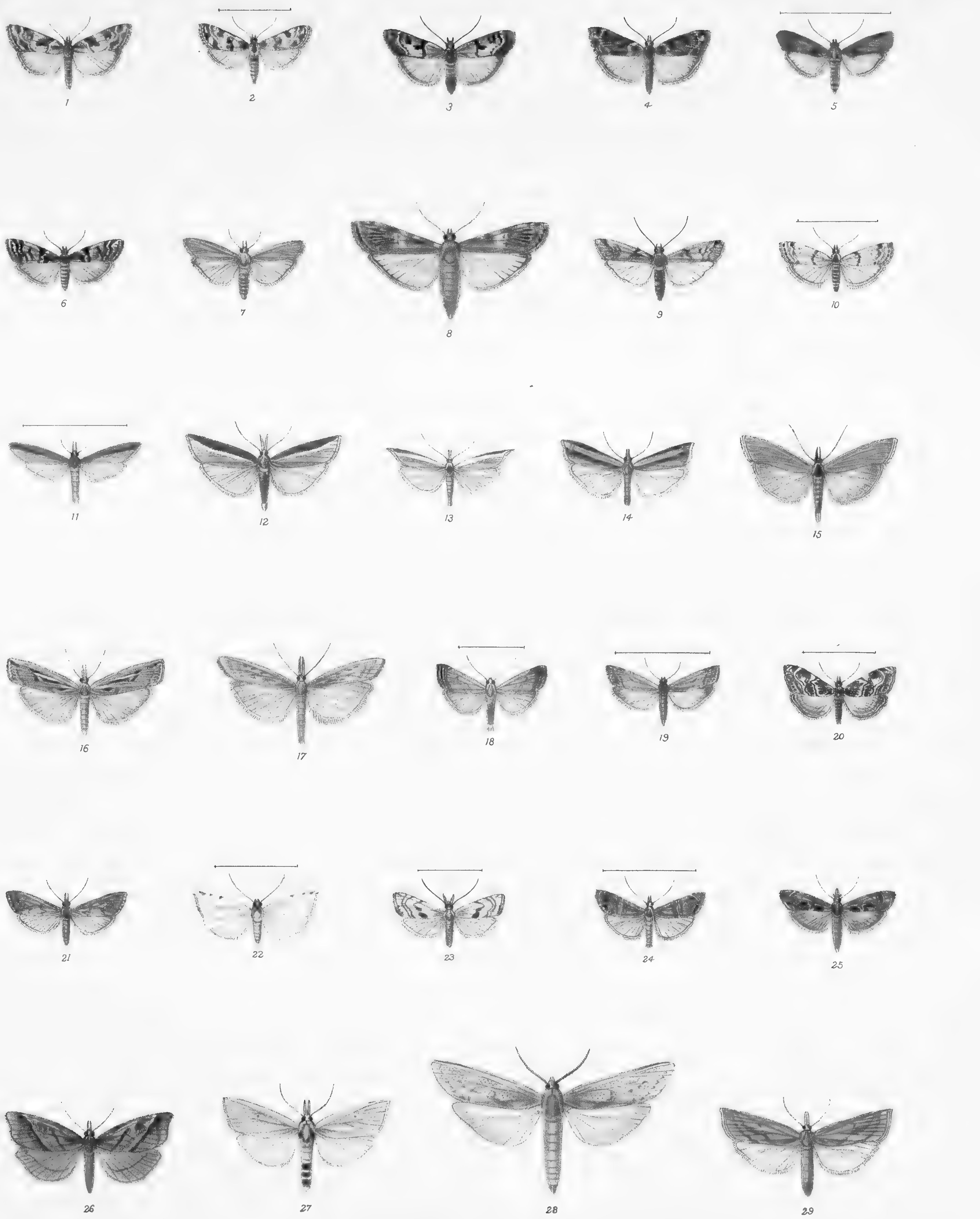
1 LEUCOCHROMA RUSCIALIS.
2 BLEPHAROMASTIX PULVERULALIS.
3 » DATISALIS.
4 » ROMALIS.
5 » GIGANTALIS.
6 » (?) DEMANTRIALIS.
7 » SAGRALIS.
8 » COATEPECENSIS.
9 » CRUSALIS.
10 EURRHYPARODES SPLENDENS.

11 CATACLYSTA PREMALIS.
12 » ÆALIS.
13 » DIVULSALIS.
14 » ROMANALIS.
15 » CUMALIS.
16 » PULCHERIALIS.
17 » DARSANIALIS.
18 » CRONIALIS.
19 » CRYPTALIS.
20 HYDROCAMPA PROCIALIS.
21 » RANDALIS.

22 HYDROCAMPA DECETIALIS.
23 » DEBALIS.
24 » POMPERIALIS.
25 » (?) DEMATRIALIS.
26 » (?) PROCREALIS.
27 » (?) DENDALIS.
28 PARAPONYX CITRONALIS.
29 » AZIALIS.
30 » HODEVALIS.
31 » BOSORALIS.

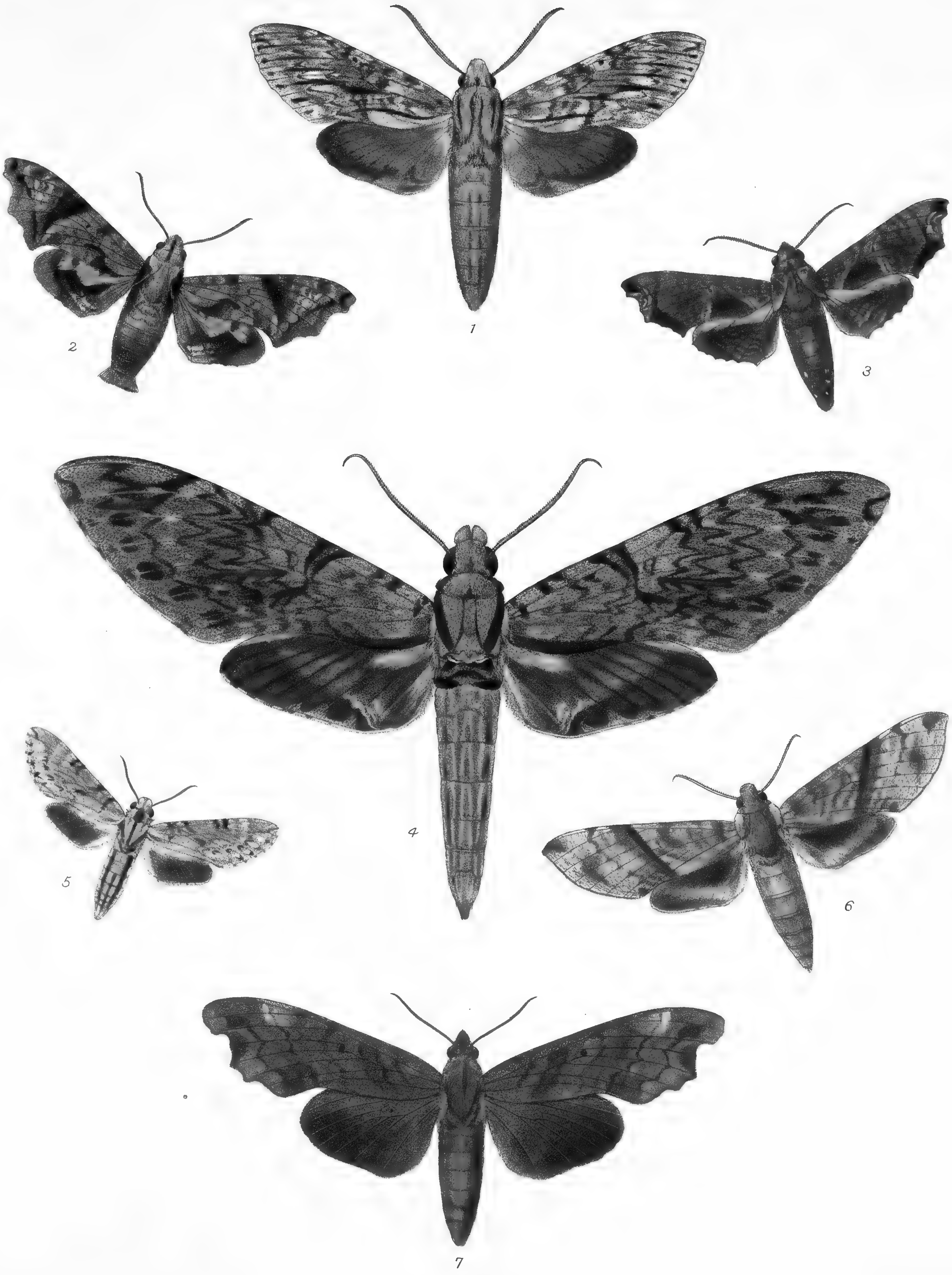
W. Purkiss lith.

Hanhart imp.
658.



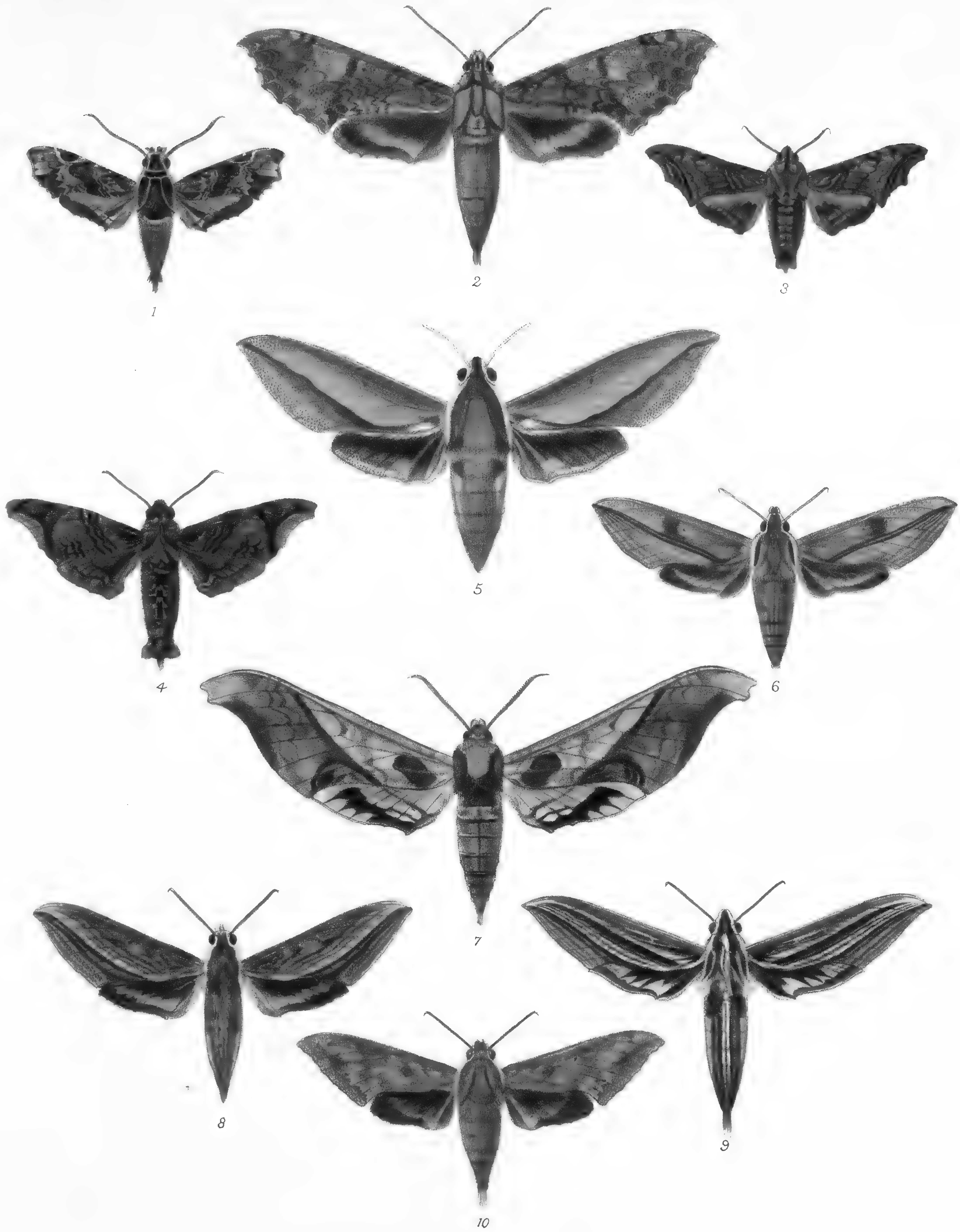
1 SCOPARIA DELPHUSA.
2 " ALBIFRONS.
3 " SMITHI.
4 " SABURA.
5 NEPHOPTERYX FUSCIFRONTELLA.
6 " DRUCEI.
7 LAODAMIA GUATEMALELLA.
8 EUZOPHERA PHRYGANOIDES.
9 TRACHONITIS LUCIDALIS.
10 BETHULIA CHAMPIONELLA.
11 SCHŒNOBIUS LONGIROSTRELLUS.
12 CRAMBUS MELCHIELLUS.
13 " NERGAELLUS.
14 " LASCAELLUS.
15 " CADARELLUS.
16 " RACABELLUS.
17 " MISGABELLUS.
18 " EXPANSELLUS.
19 " MINUELLUS.
20 DIPTYCHOPHORA SMITHI.
21 PLATYTES ENDOCHALYBELLA.
22 ARGYRIA OPPOSITA.
23 " PUSTULELLA.
24 EROMENE CALIFORNICALIS.
25 MESOLIA PLURIMELLA.
26 ERUPA RUPTILINEELLA.
27 DIATRÆA NEURICELLA.
28 DORATOPERAS ATROSPARSELLUS.
29 DIATRÆA SACCHARALIS.

W. Purkiss lith.
Hanhart lith.



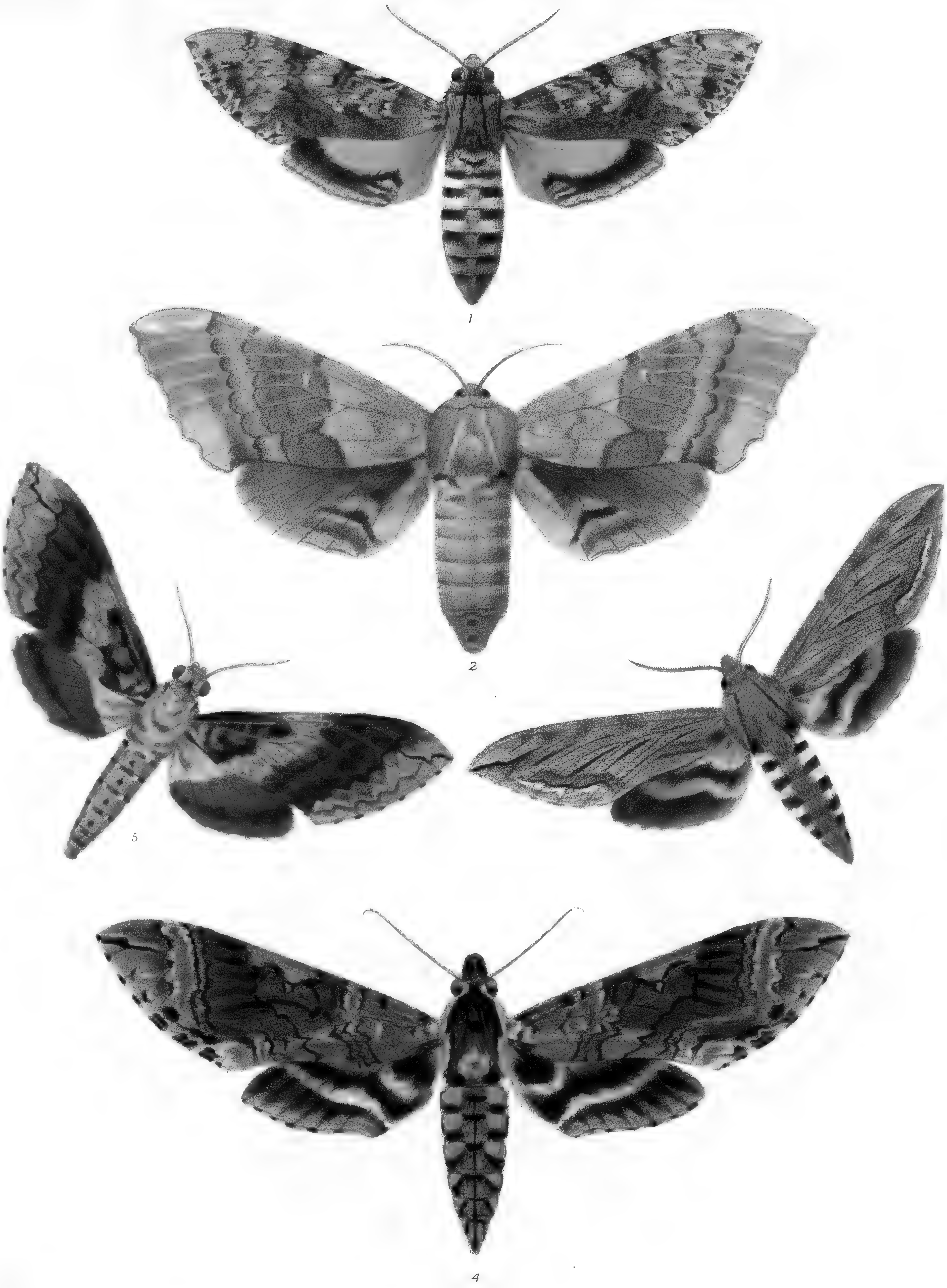
1 ISOGNATHUS YUCATANUS.
2 PACHYGONIA ERICEA.
3 PERIGONIA TACITA.
4 AMPHONYX WALKERI.
5 HYLOICUS HATERIUS.
6 CHŒROCAMPA JOCASTA.
7 ALEURON TACHASARA.

W. Purkiss lith.
Hanhart imp.
663.



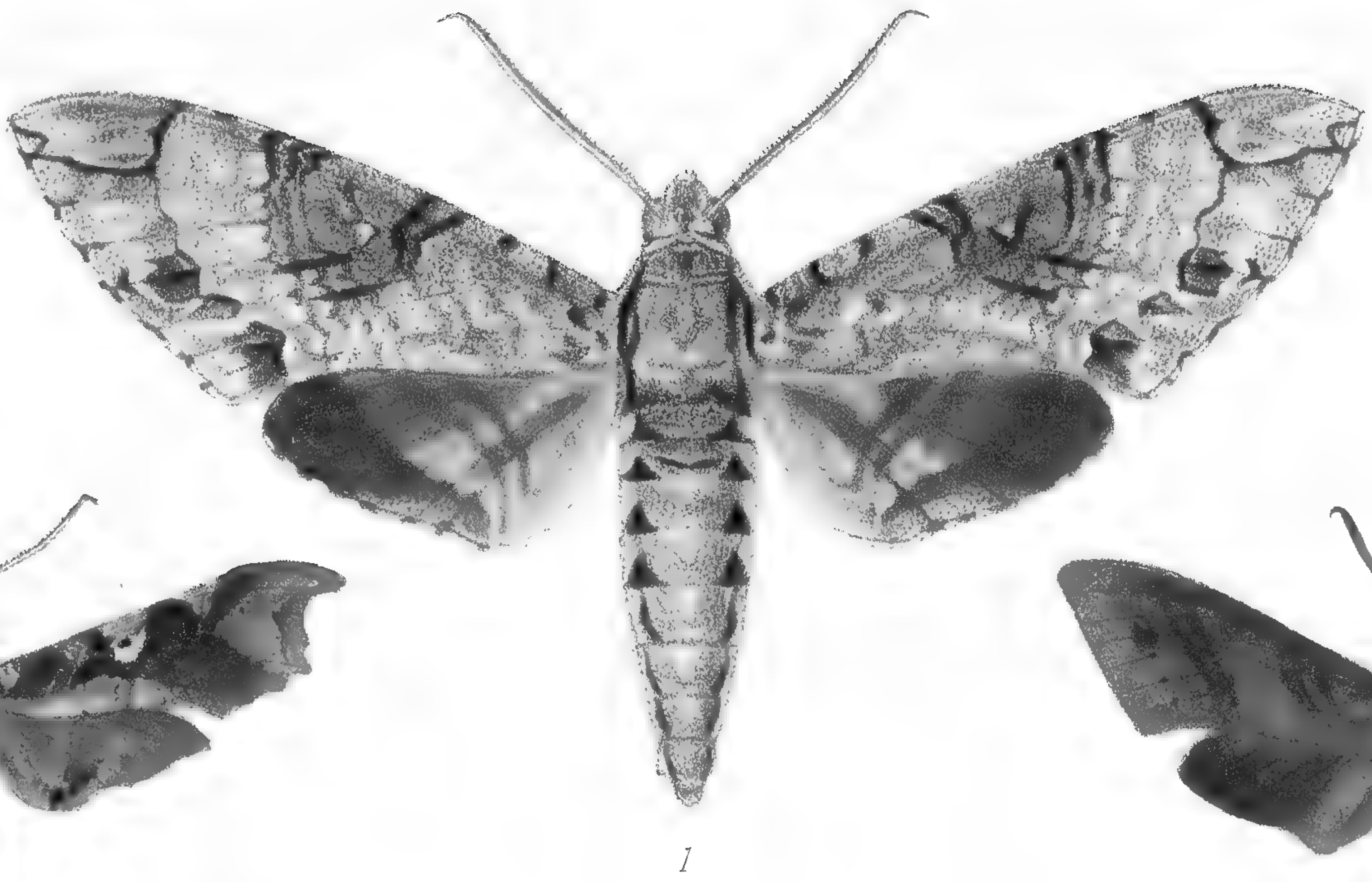
1 UNZELA PRONOE.
2 CALLIOMMA ZURCHERI.
3 ENYO RISCUS.
4 ENYO TÆDIUM.
5 CHŒROCAMPA POTENTIA.
6 " TURBATA.
7 AMBULYX DONYSA.
8 CHŒROCAMPA DAMOCRITA.
9 " EUMEDON.
10 CALLIOMMA GERMEN.

W. Purkiss lith.
Hanhart imp
669.



1 ISOGNATHUS INCLITUS. 3 SPHINX PERELEGANS.
2 TRIPTOGON OCCIDENTALIS. 4 PROTOPARCE CAPSICI.
5 PSEUDOSPHINX CROCALA.

W. Purkiss lith.
Hanhart imp.
671.



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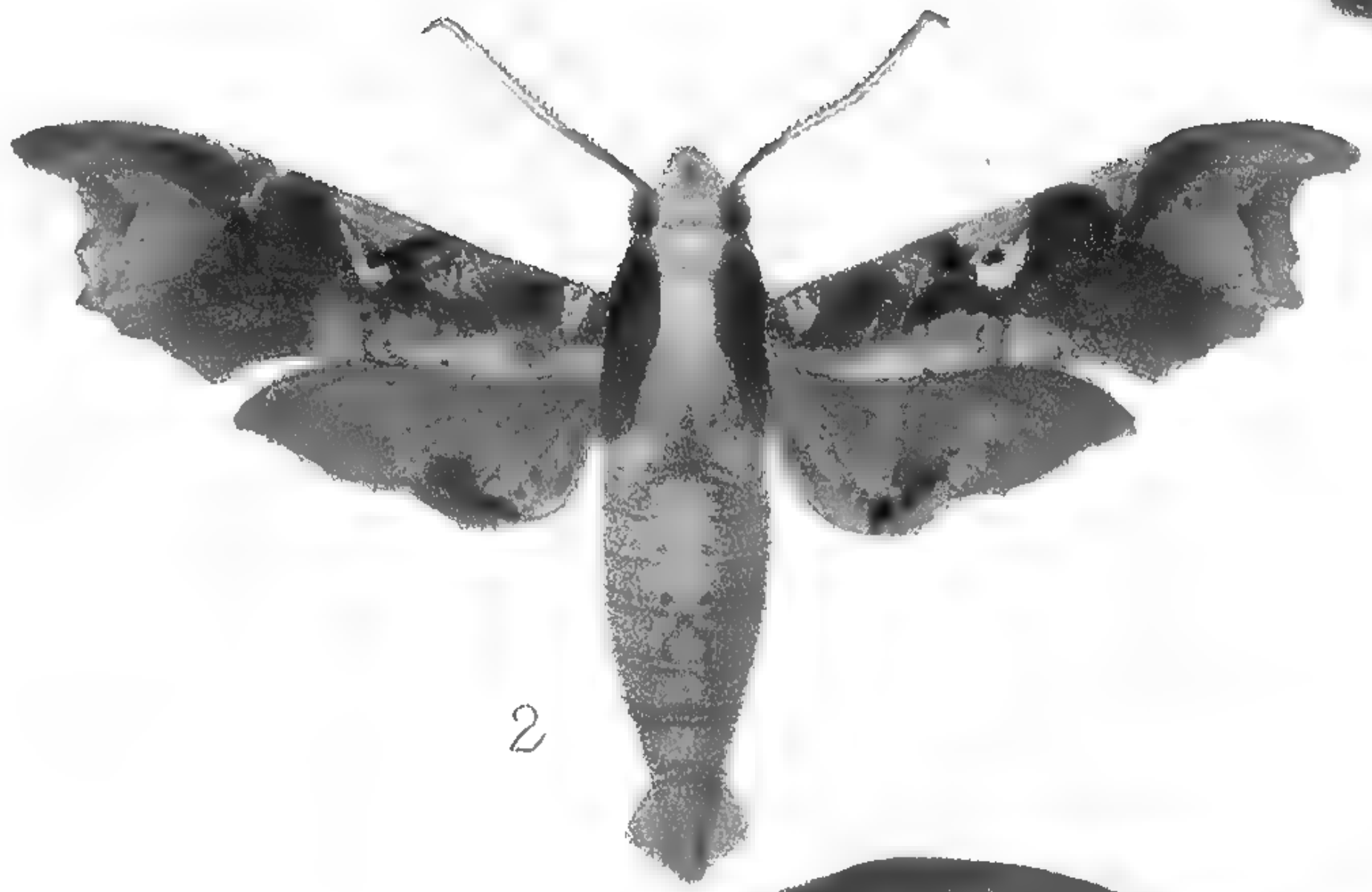

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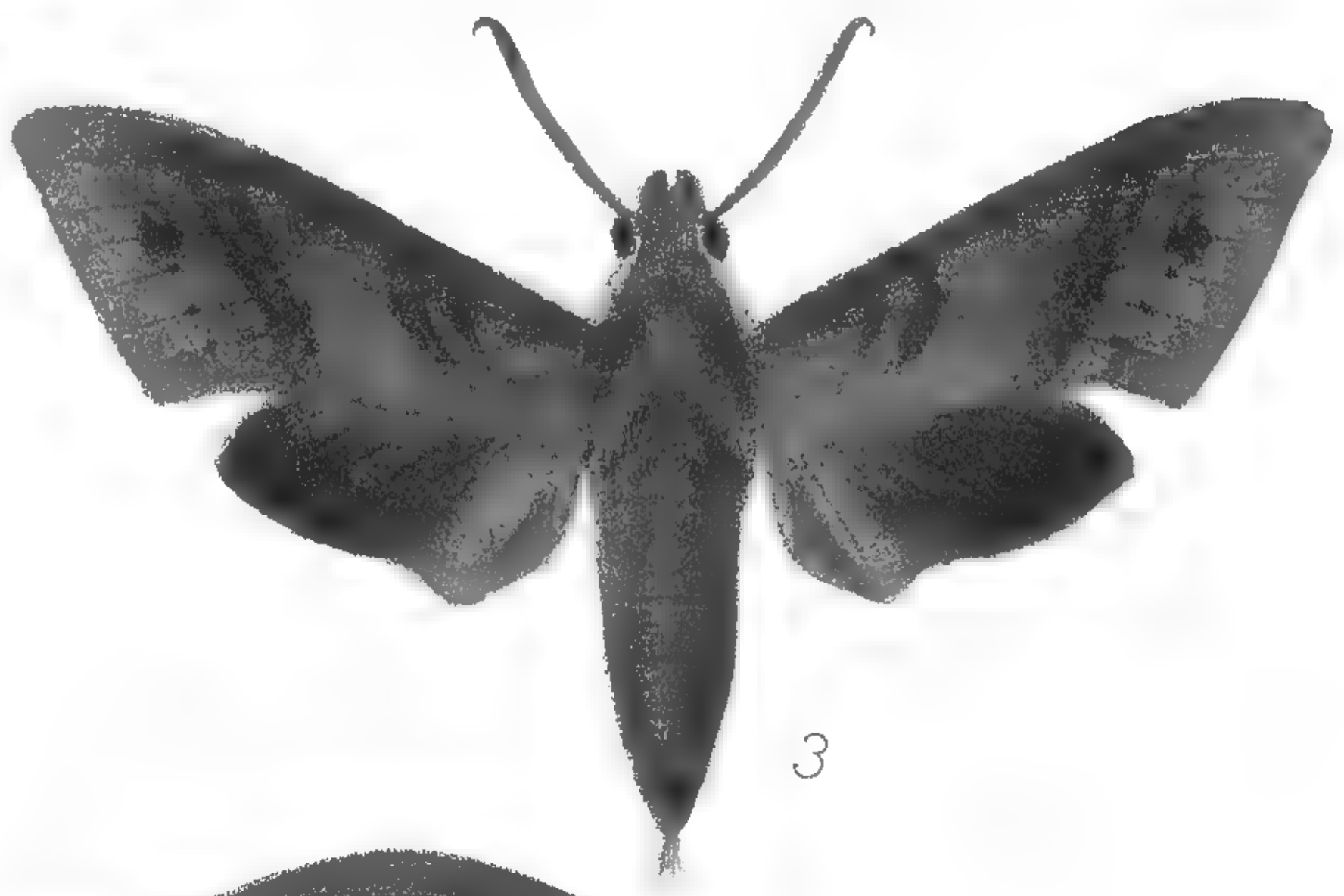

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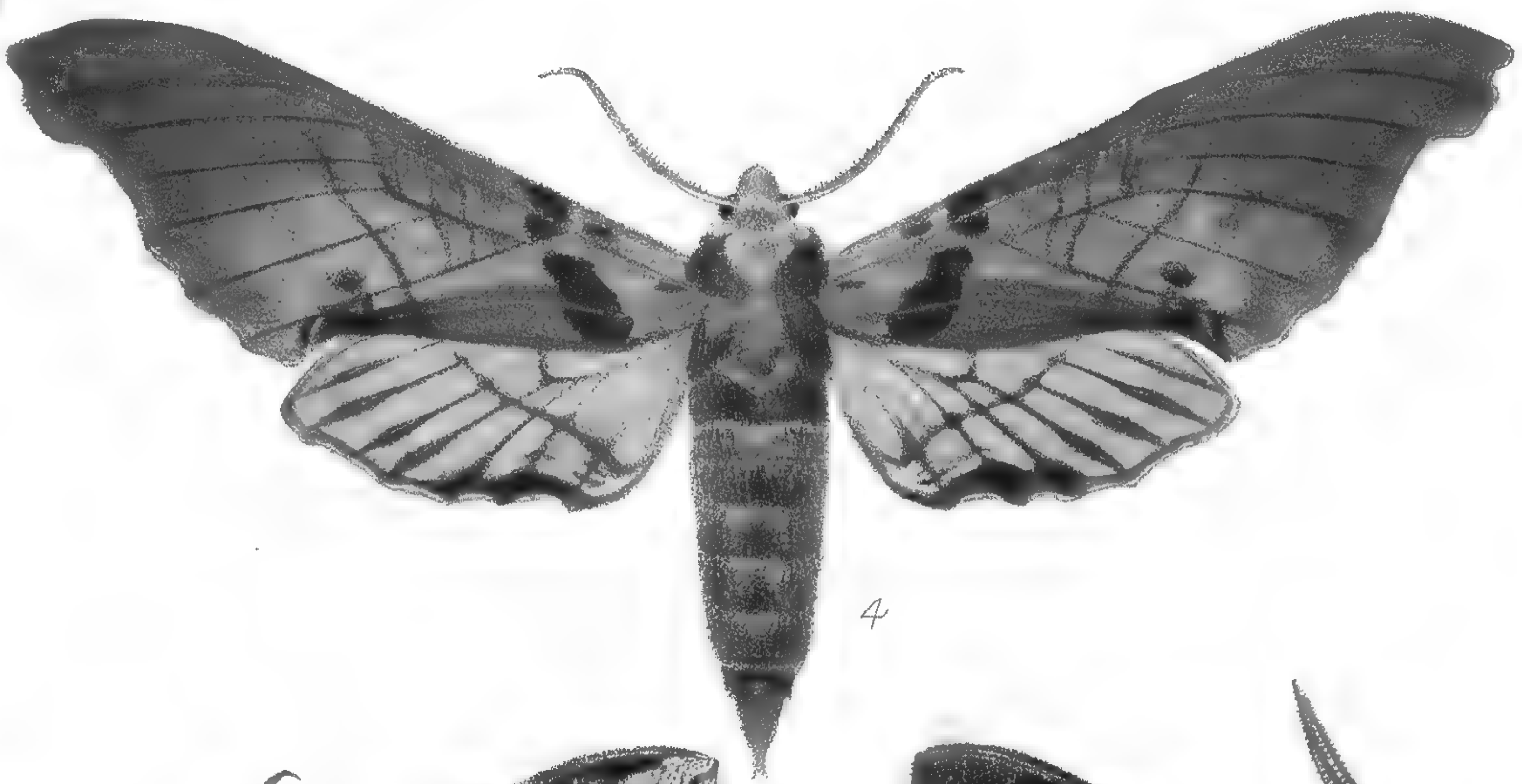

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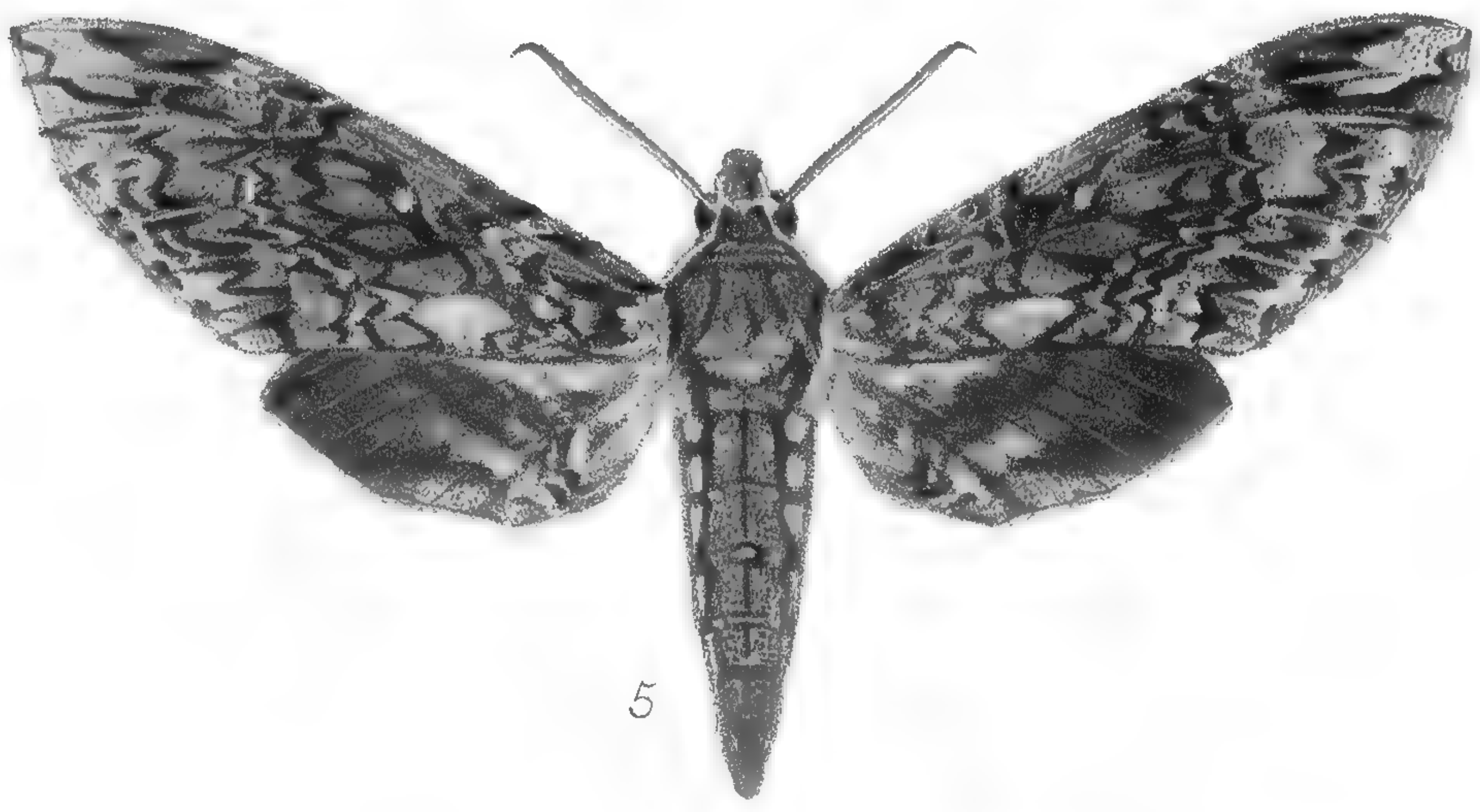

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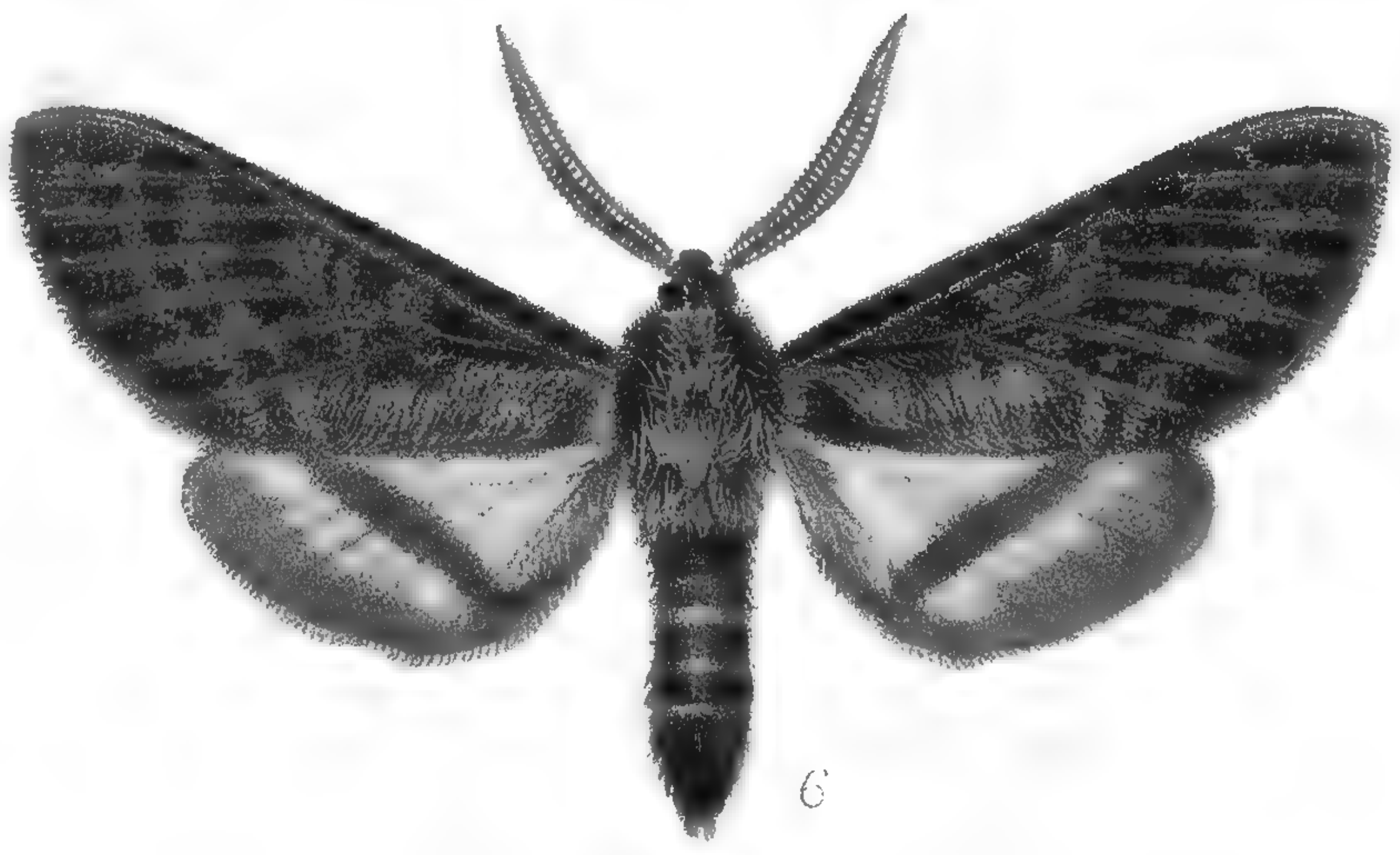

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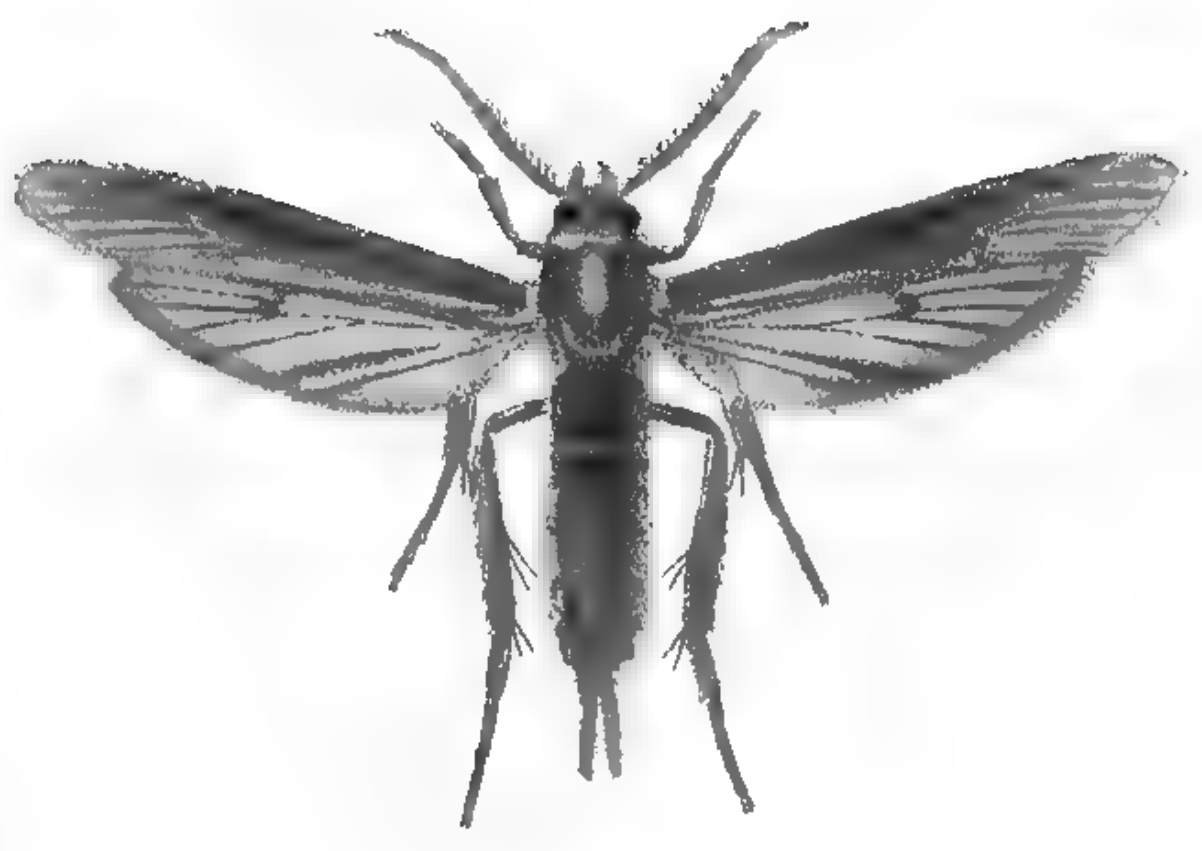

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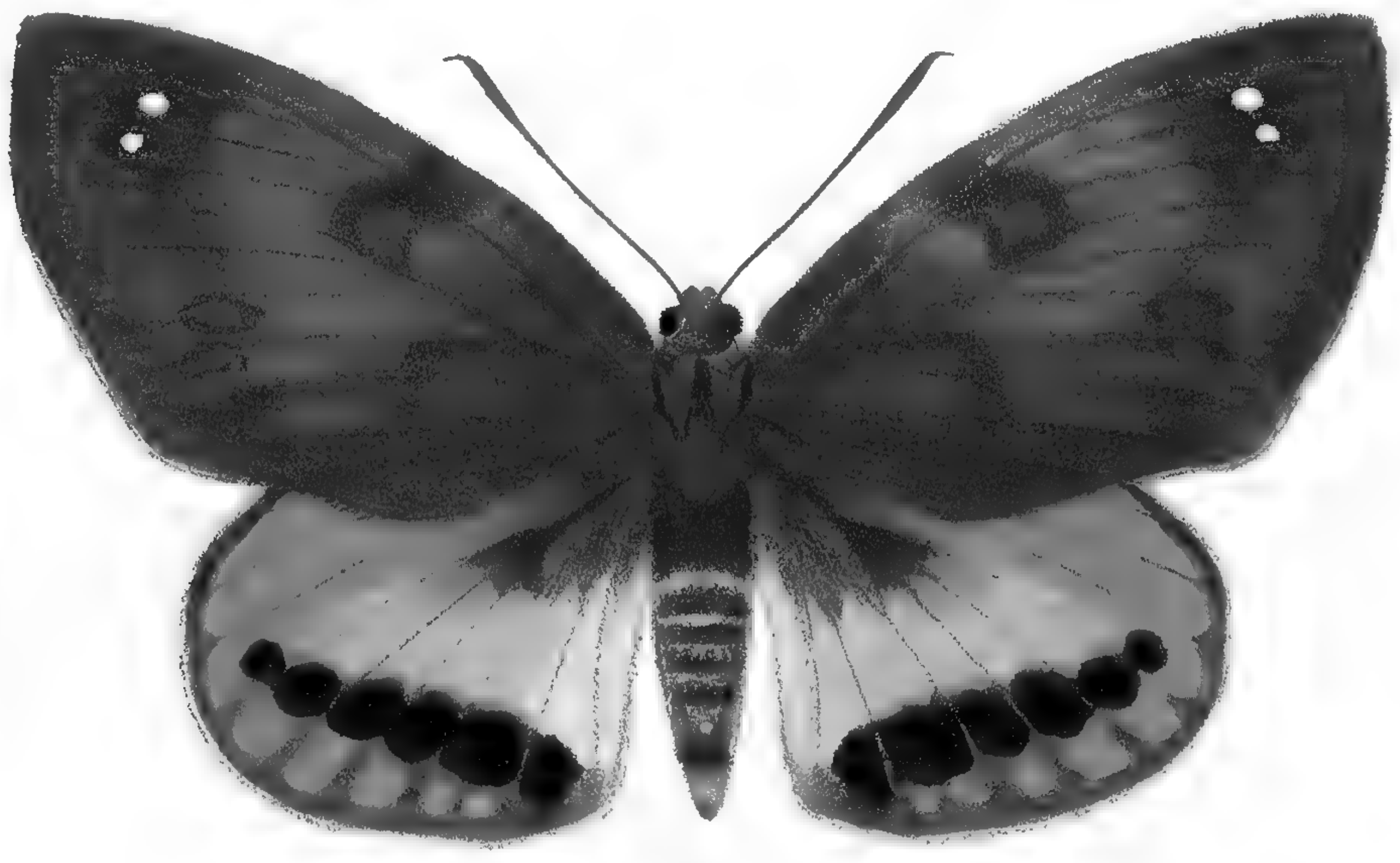

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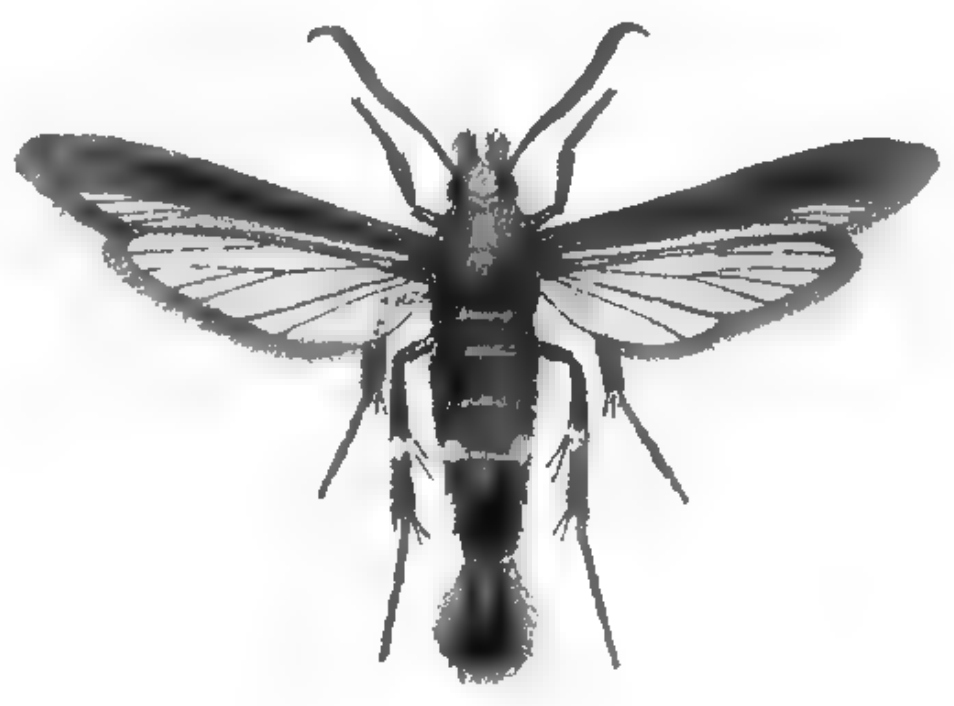
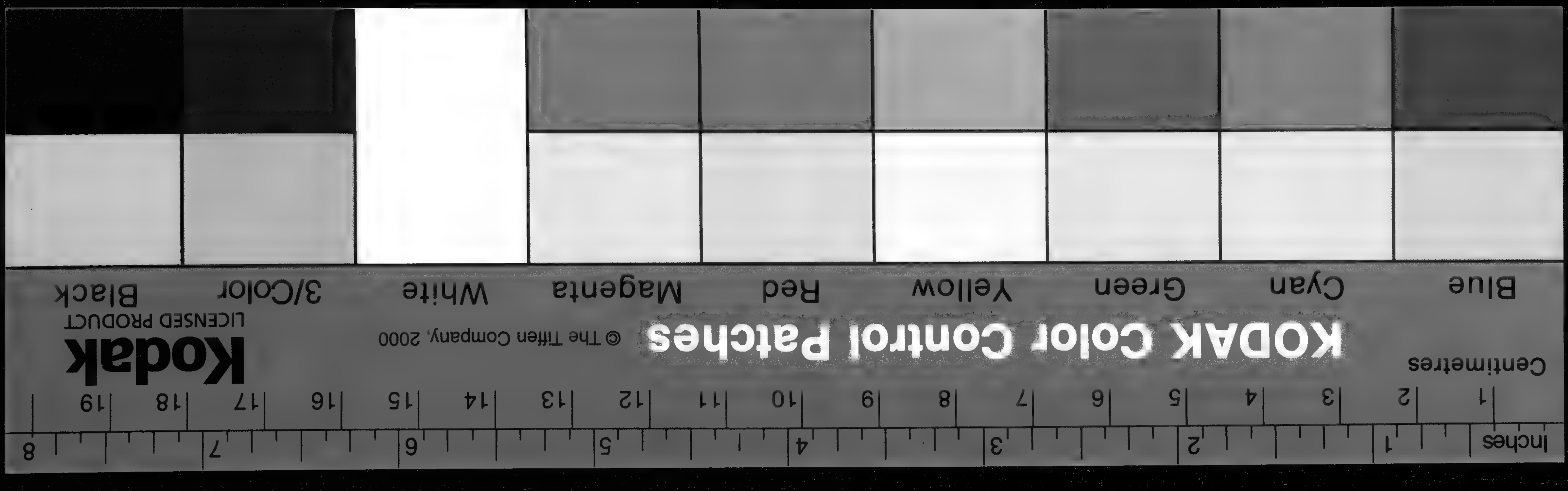


9

1 DILUDIA BREVIMARGO.
2 CALLIOMMA DENTICULATUM.
3 PERGESA MEXICANA.
4 SMERINTHUS (?) PSEUDAMBULYX.
5 PROTOPARCE DILUCIDA.
6 MONARDA ORYX.
7 TIRISTA PRAXILA.
8 CASTNIA STAUDINGERI.
9 ÆGERIA OVINIA.

W. Purkiss lith.
Hanhart imp.
674.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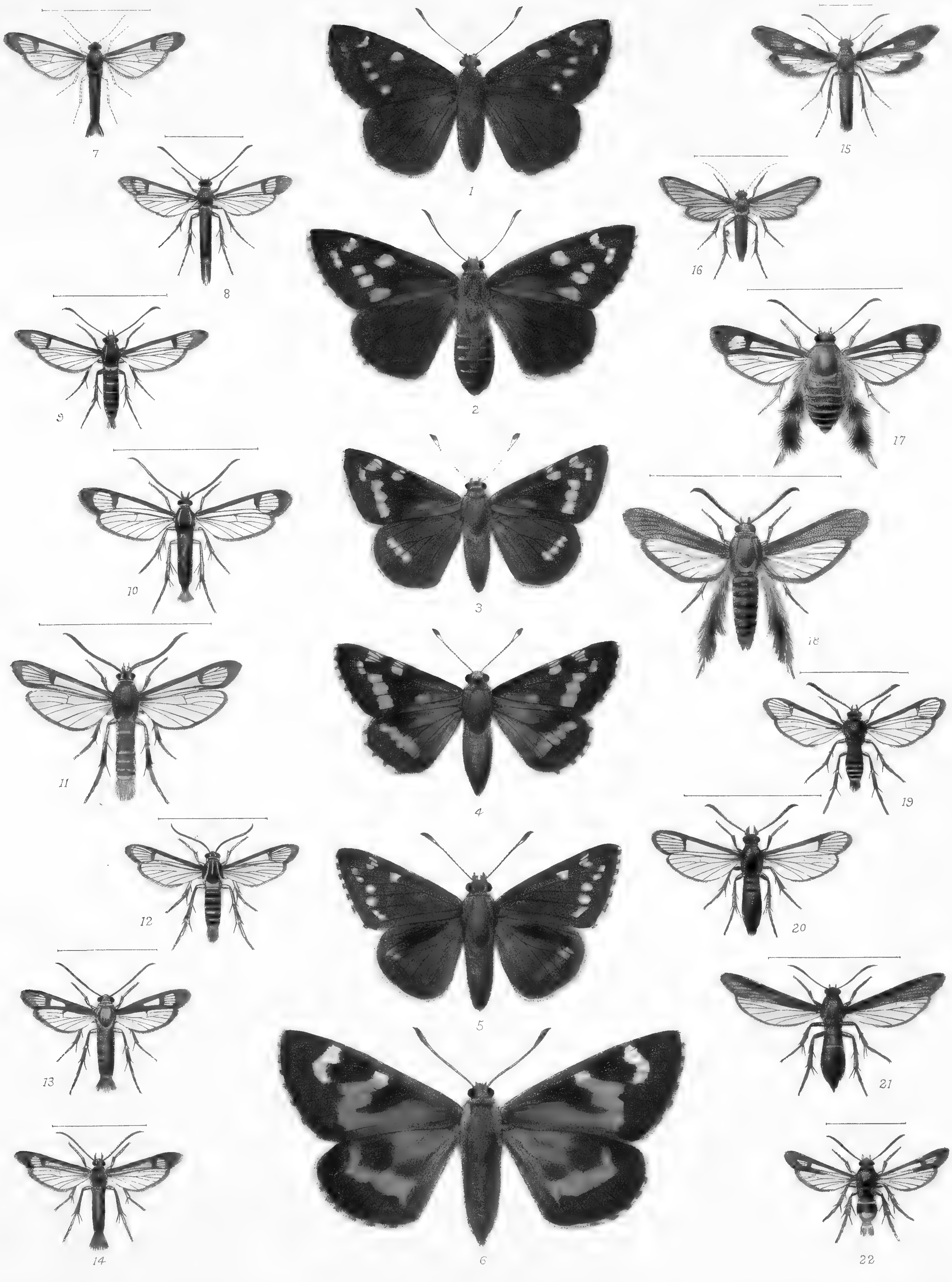

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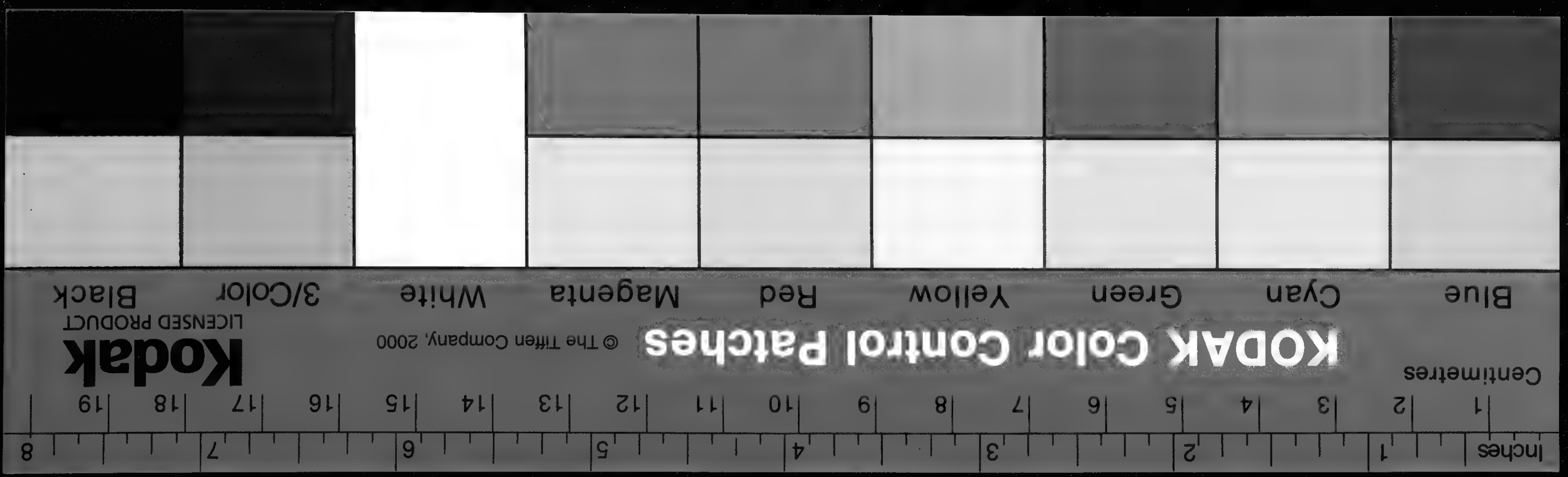
1♂, 2♀ MEGATHYMUS INDECISUS.
3♂, 4♀ » NEUMOEGENI.
5♂ » SMITHI.
6 ACENTROCNEME HESPERIARIS.
7 ÆGERIA MARDIA.
8 » PALLENE.
9 » HIPPOLYTE.

10 ÆGERIA HELENA.
11 » ARMASATA.
12 » HERMIONE.
13 » HALMYRIS.
14 » HIPSIDES.
15 » HELA.

16 ÆGERIA (?) HADES.
17 MELITTIA SMITHI.
18 » BECKERI.
19 SINCARA MANILIA.
20 » MÆONIA.
21 » MANOBA.
22 TARSOPODA MARCIA.

W. Purkiss lith.

Hanhart imp.
673.



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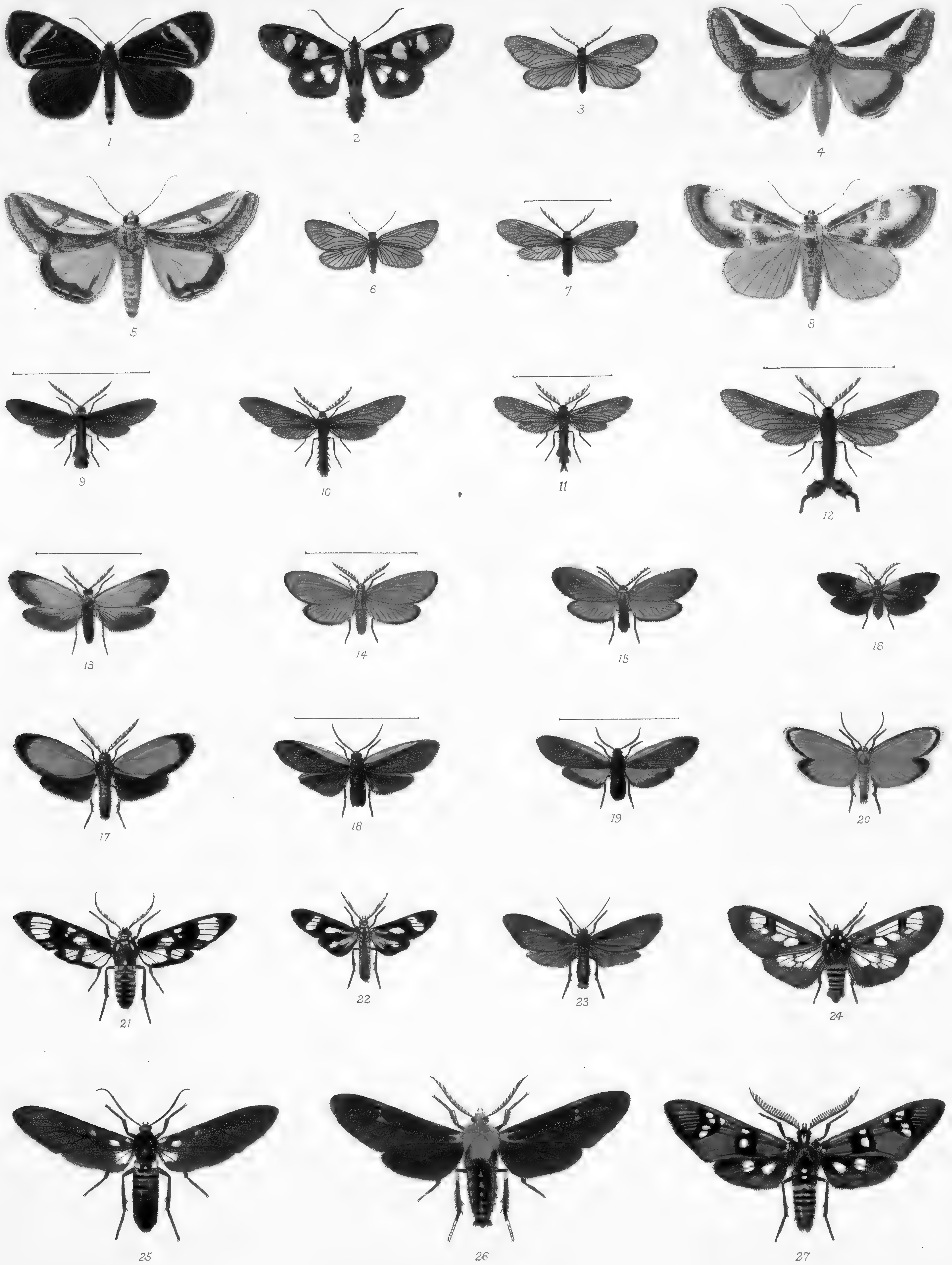
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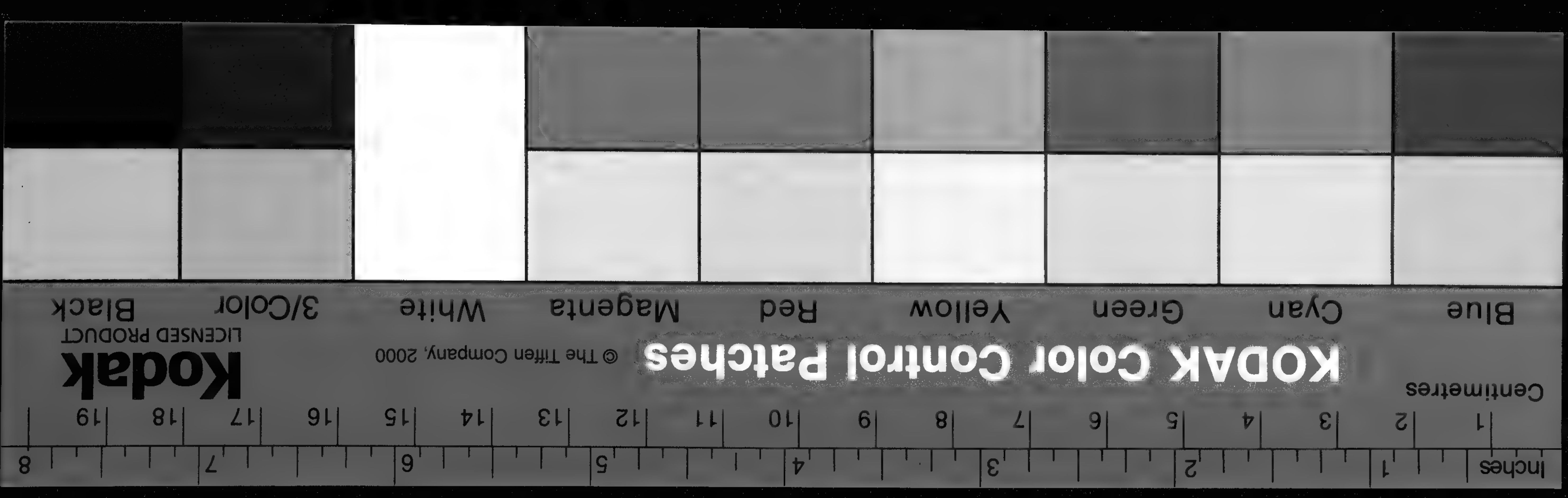
1 ALYPIOIDES WALKERI.
2 ALYPIA DISPARATA.
3 PROCRIS BARNEA.
4 EUTHISANOTIA COSYRA.
5 LAQUEA ARGENTATA.
6 PROCRIS LANDIA.
7 URODUS DYPASPES
8 EUTHISANOTIA SANCTI-JOHANNIS.
9 HARRISINA CHARAX.

10 HARRISINA ELONGATA.
11 " MEXICANA.
12 " CIRAMA.
13 LYCOMORPHA RATA.
14 " MARGINATA.
15 " [illegible]
16 " [illegible]
17 " [illegible]
18 " [illegible]

19 LYCOMORPHA SEMIFULVA.
20 " REGIA.
21 EUPYRA SCHAUSI.
22 CALONOTOS CUCADMA.
23 ICHORIA (?) PARTHIA.
24 EUPYRA DAN[illegible].
25 SYNTOMEIDA VULCANA.
26 [illegible] PROP[illegible].
27 EUPYRA PRINCIPALIS.

[illegible] del. Hanhart imp.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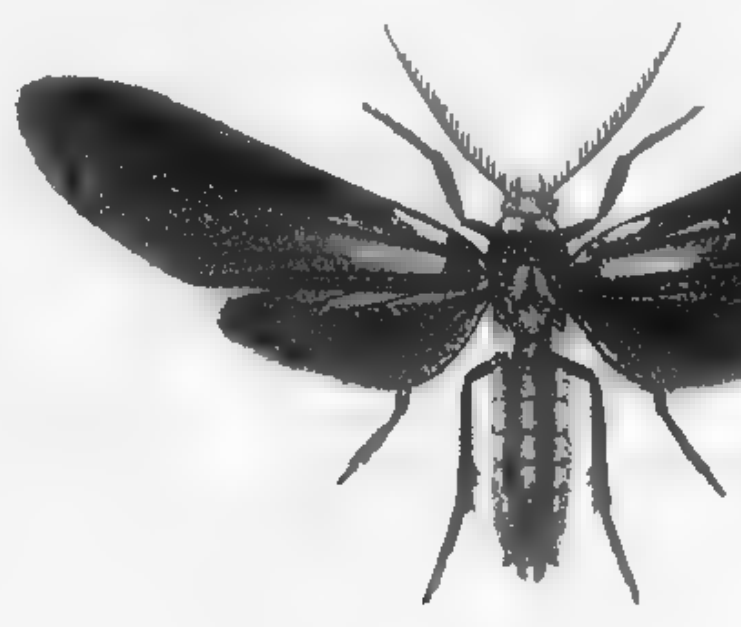
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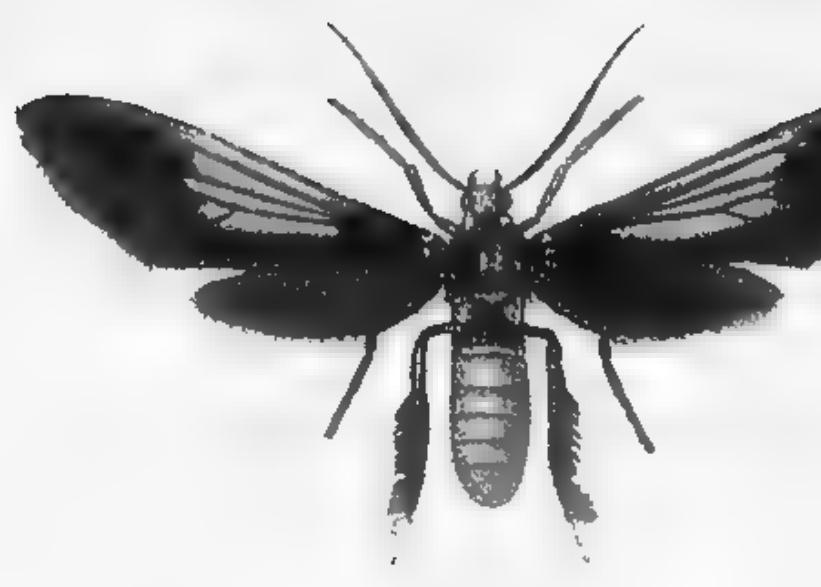
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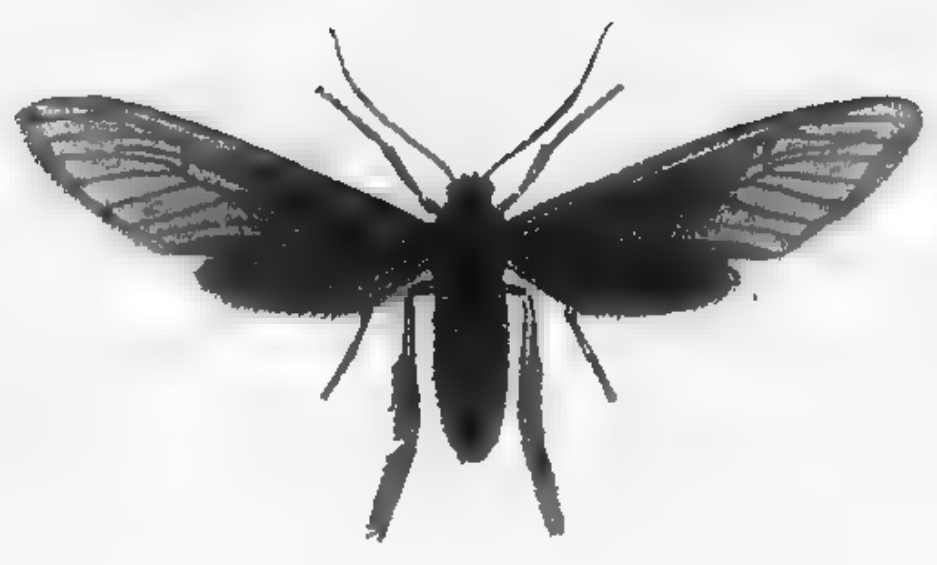
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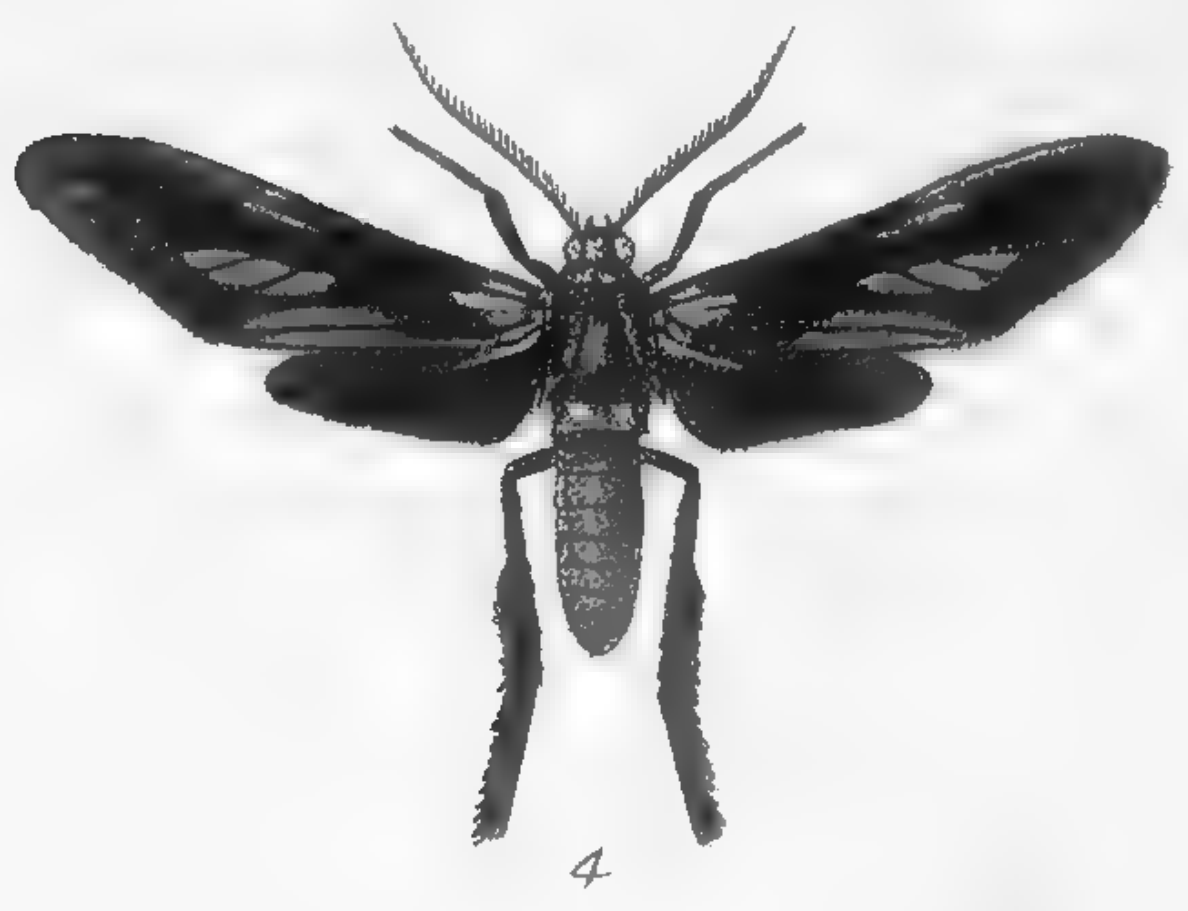
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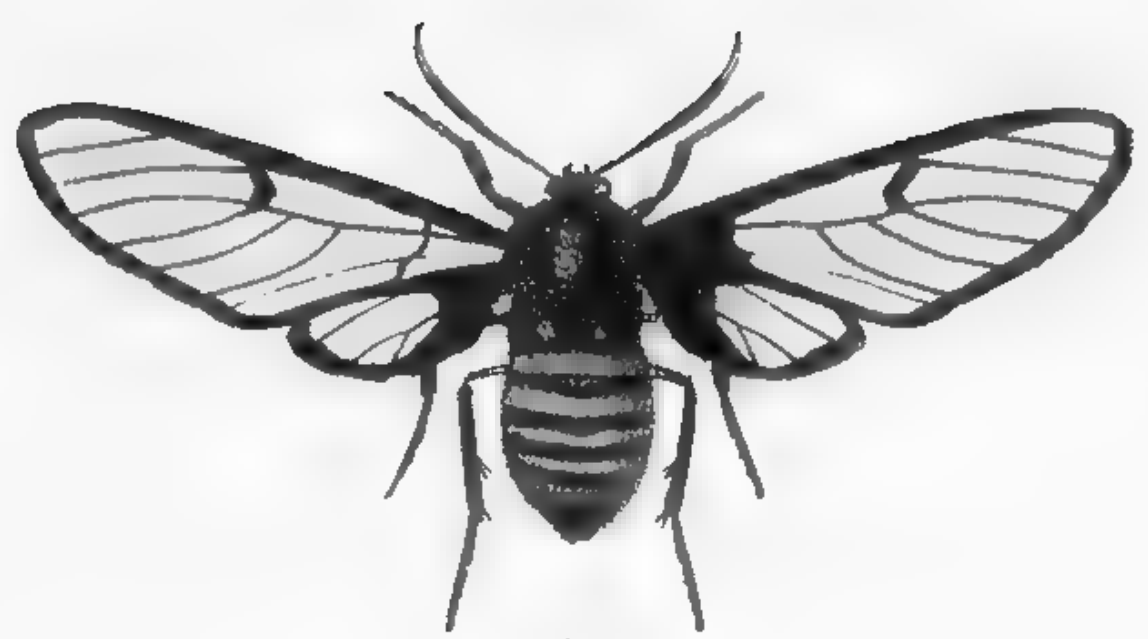
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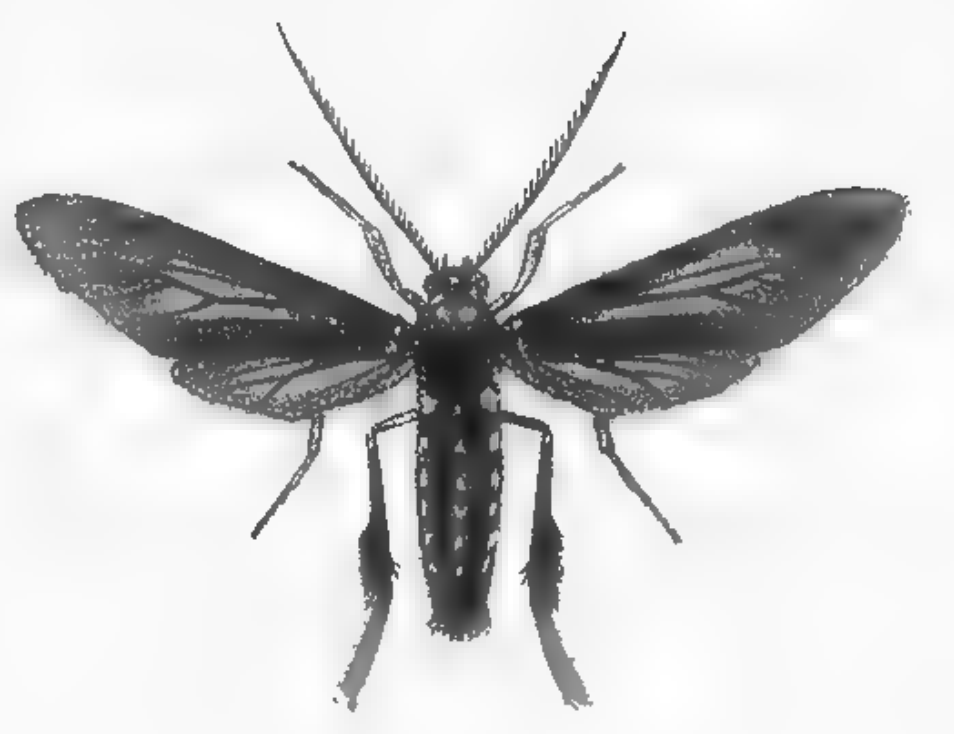
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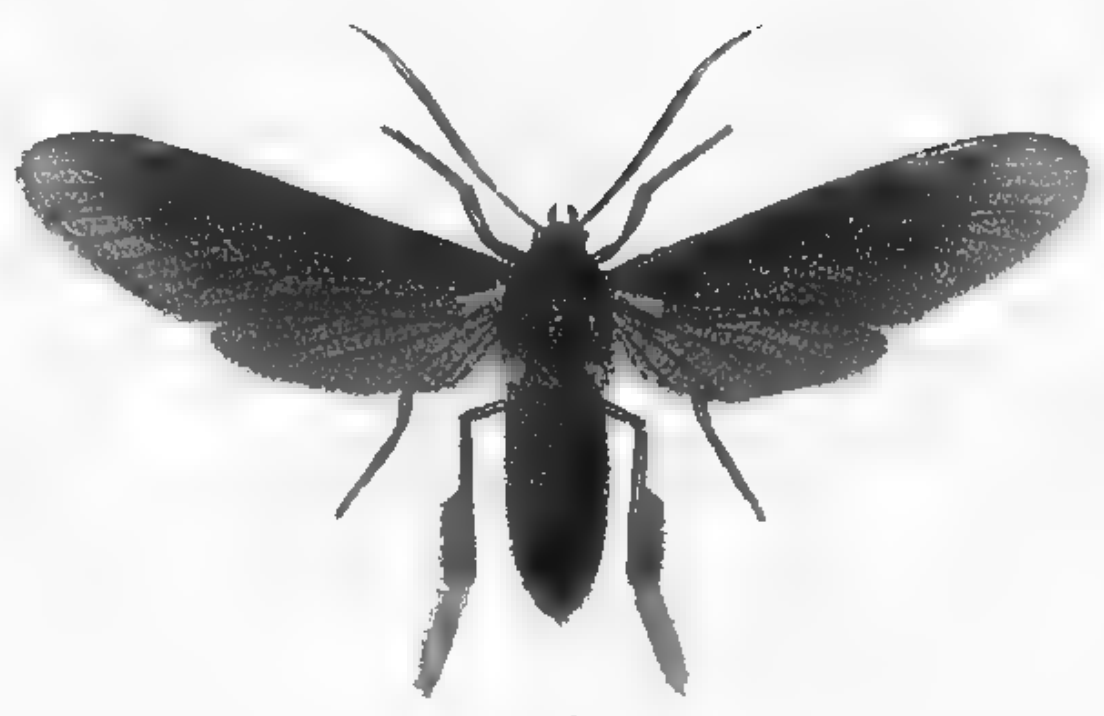
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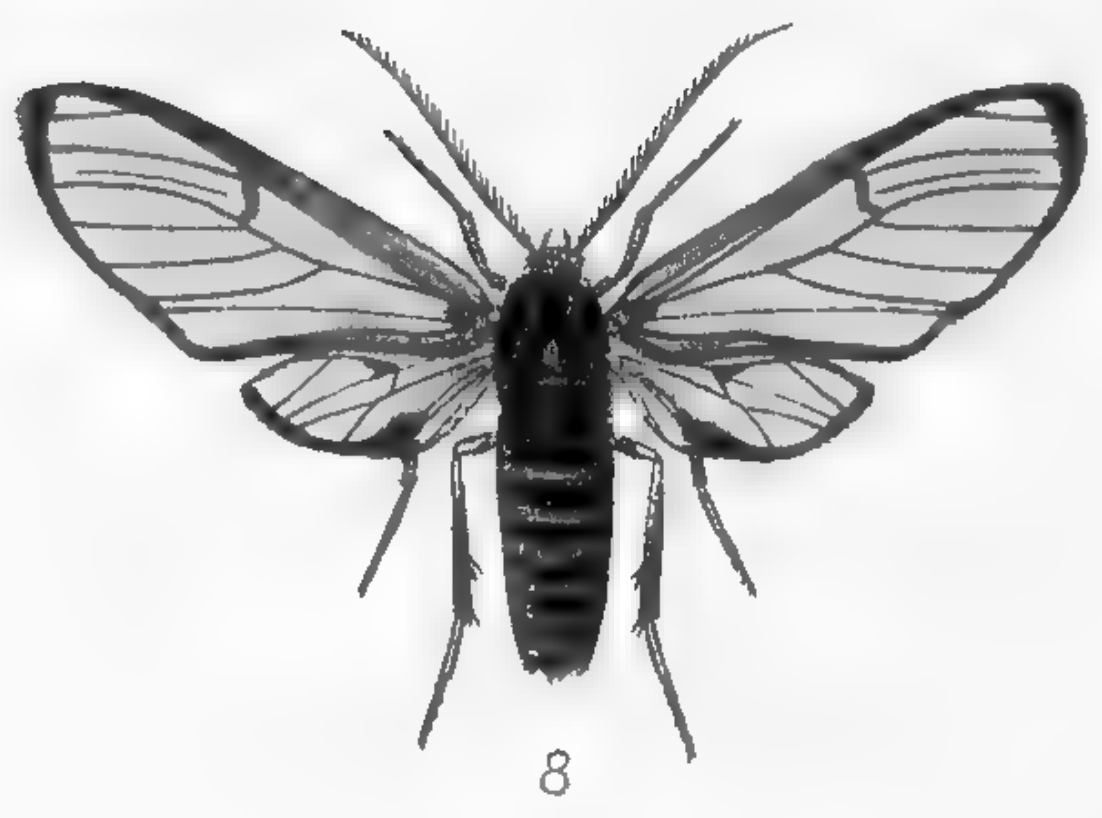
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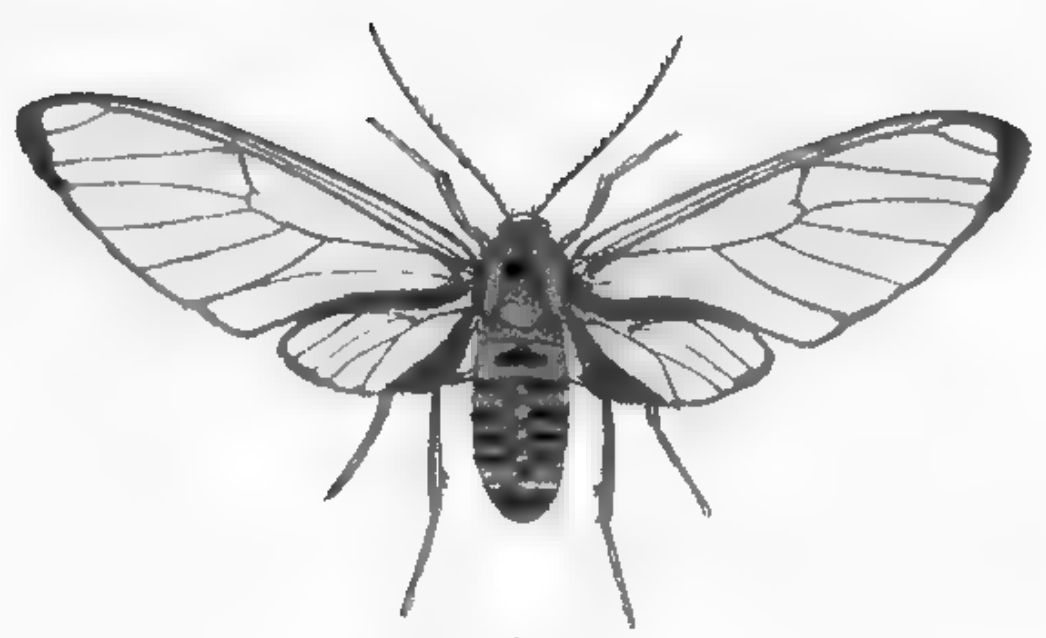
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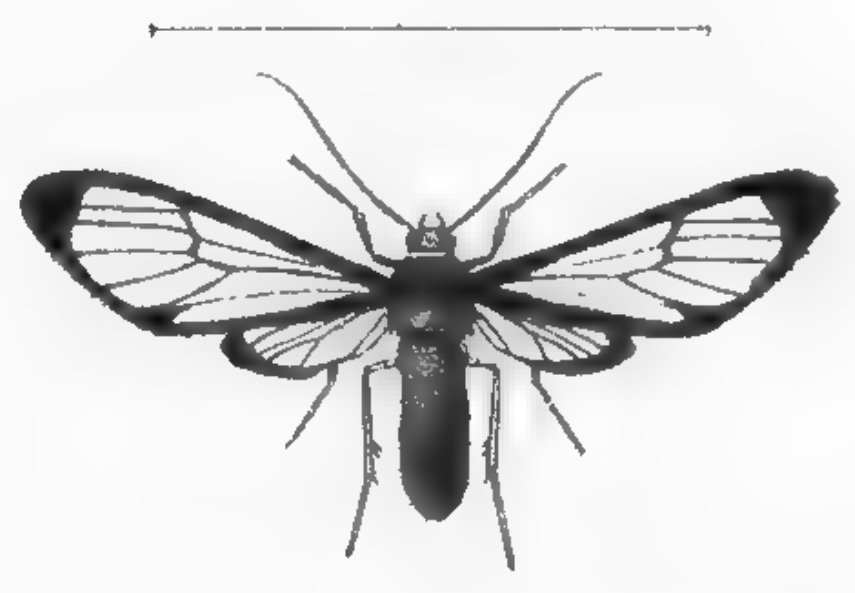
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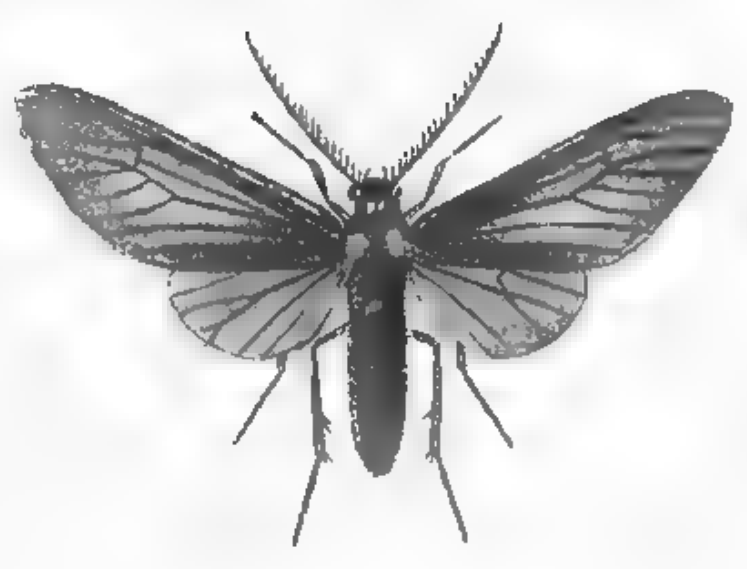
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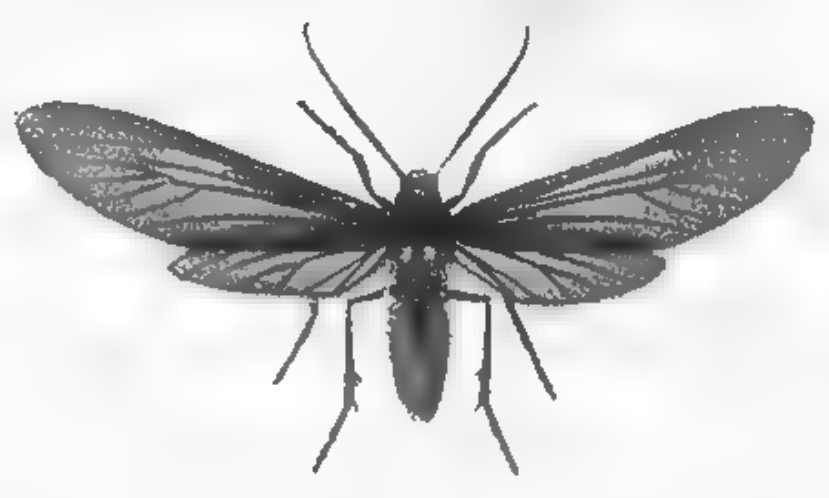
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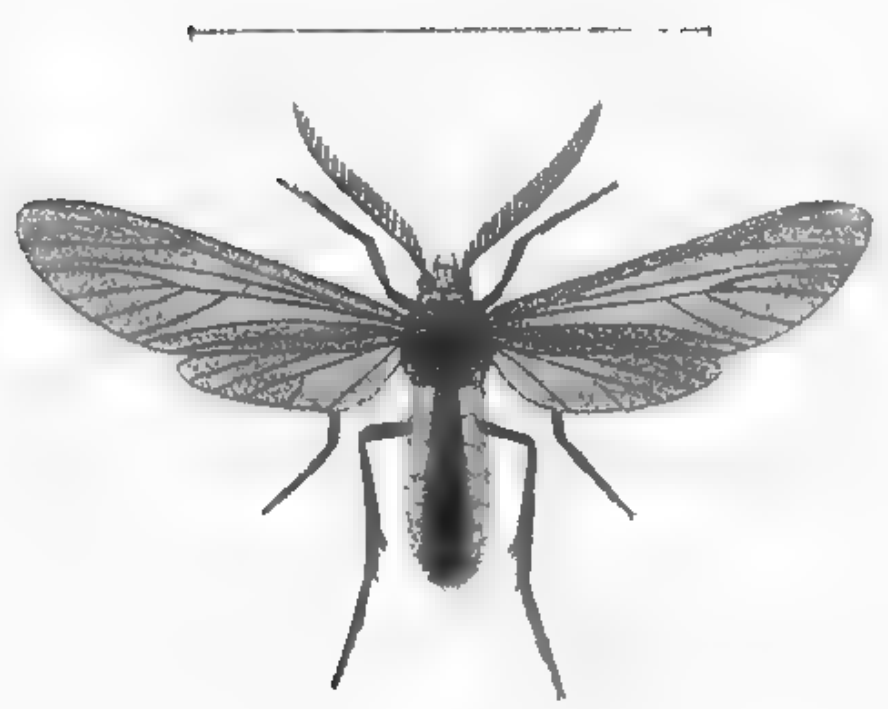
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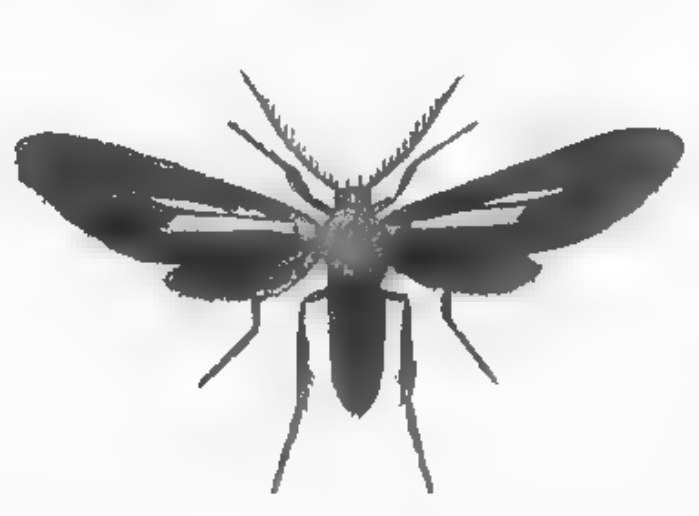
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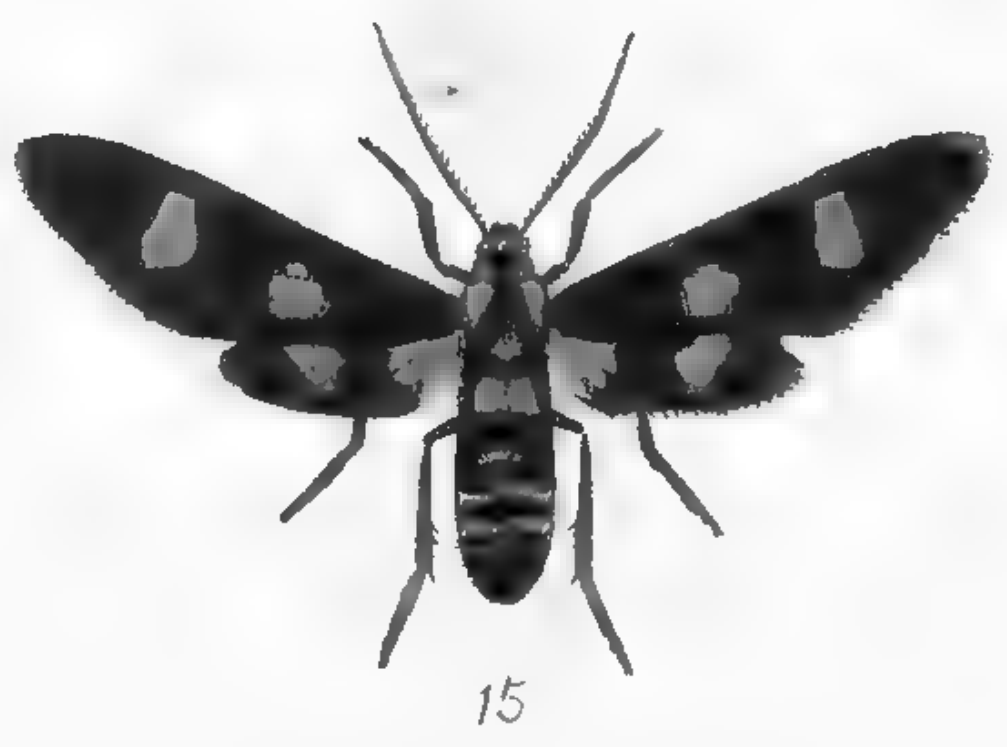
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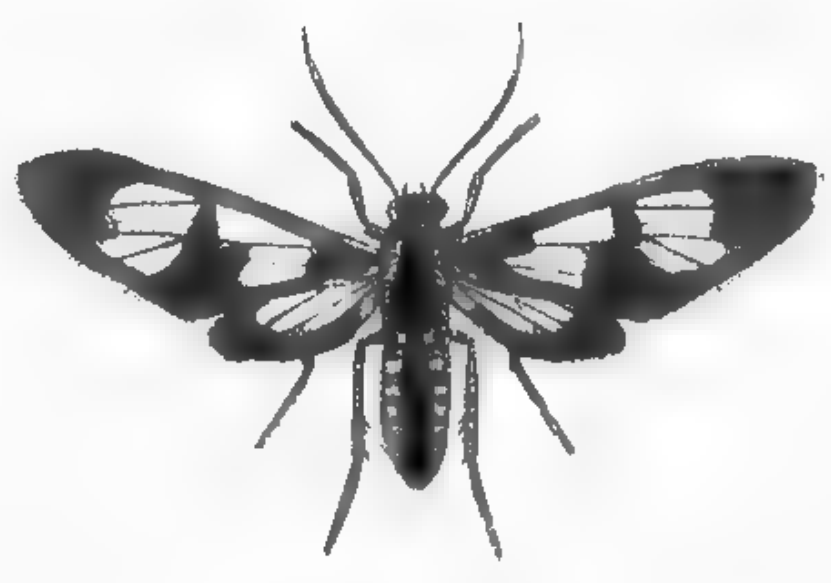
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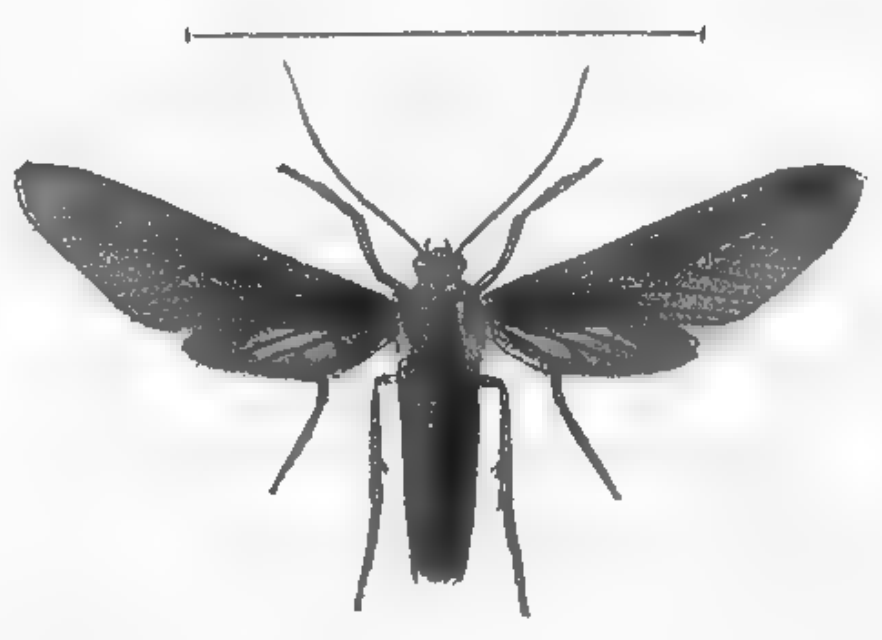
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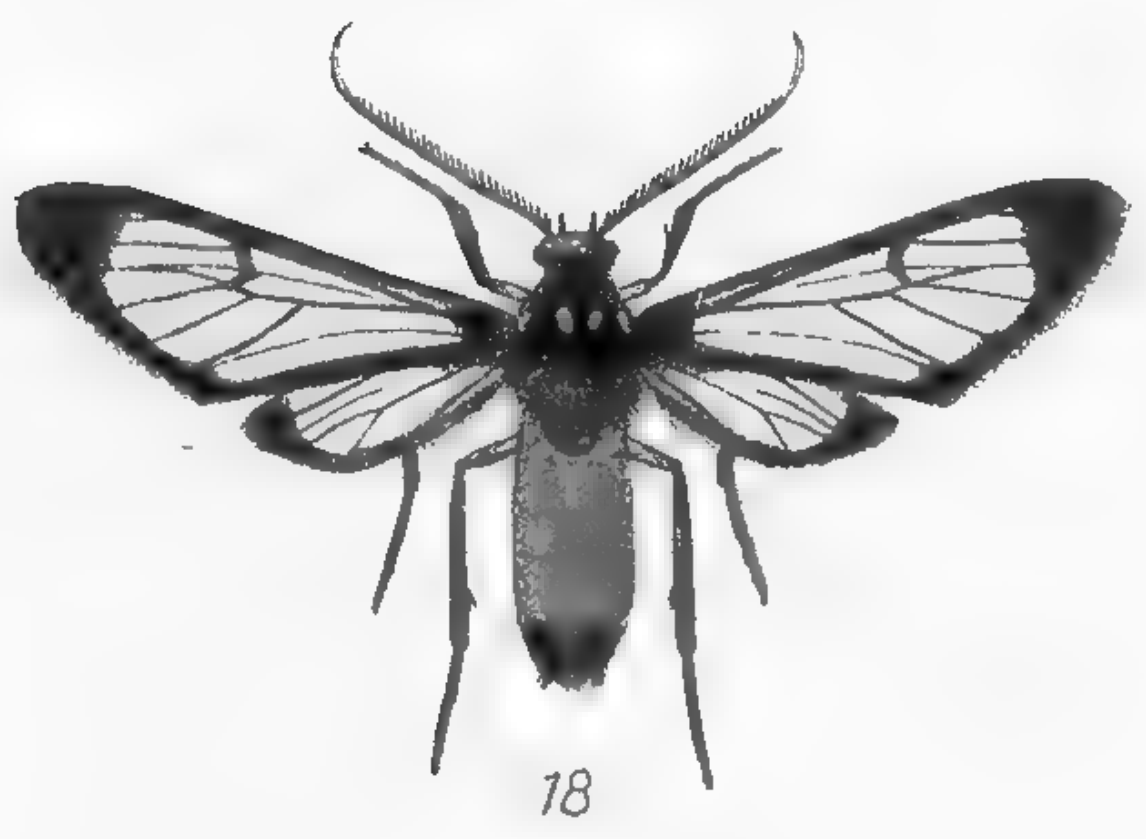
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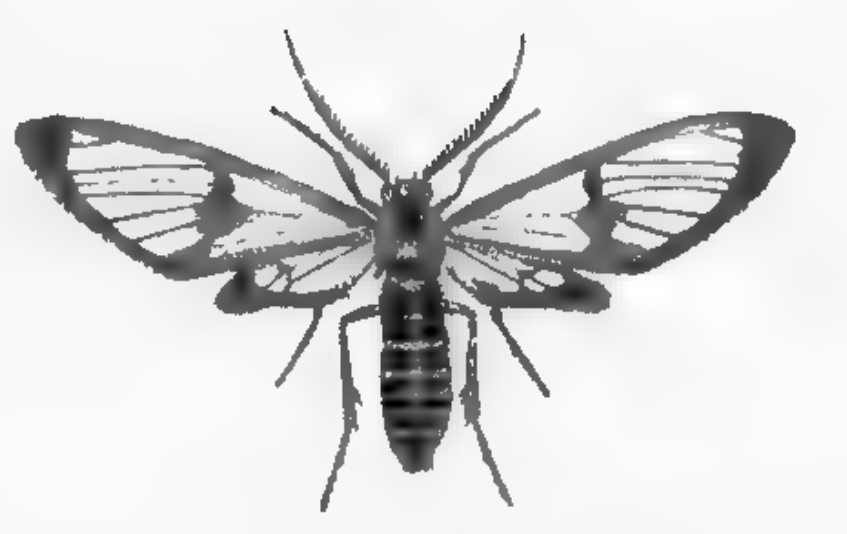
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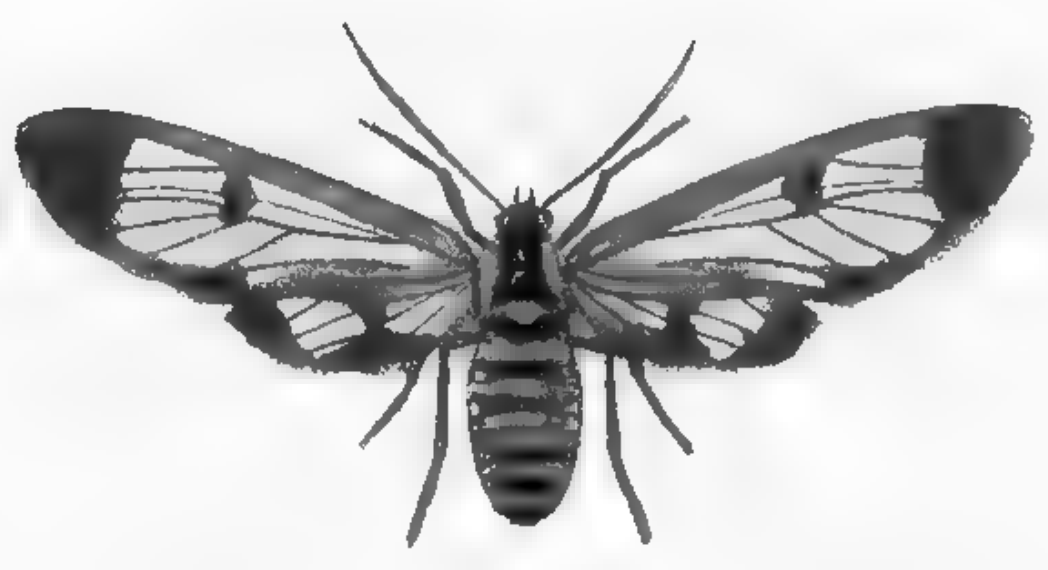
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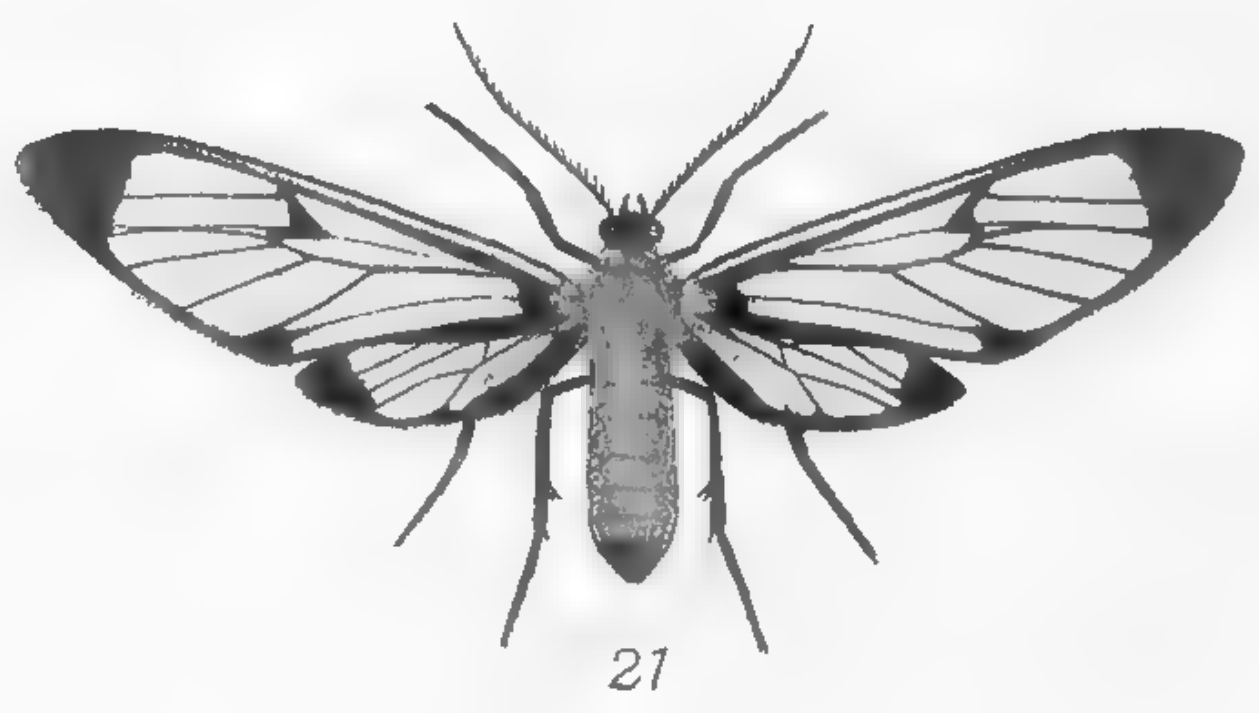
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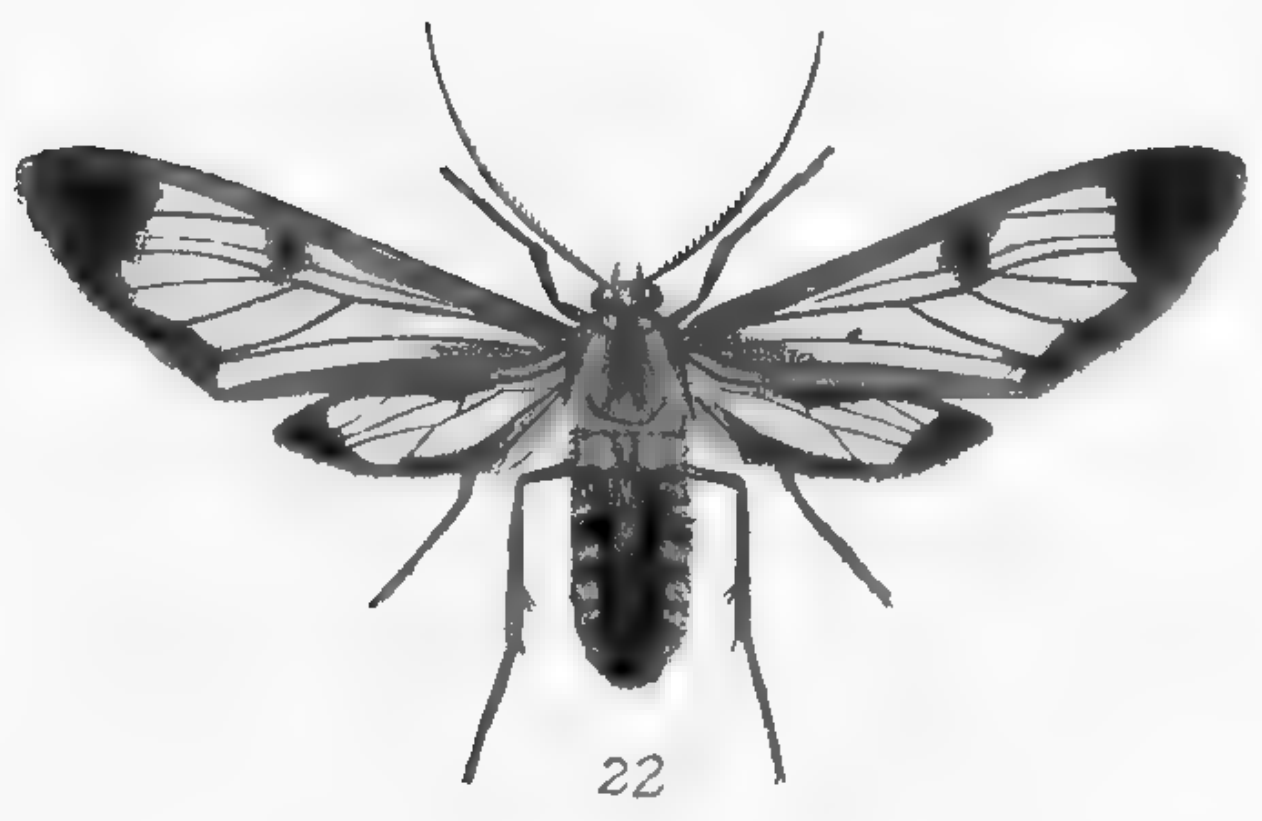
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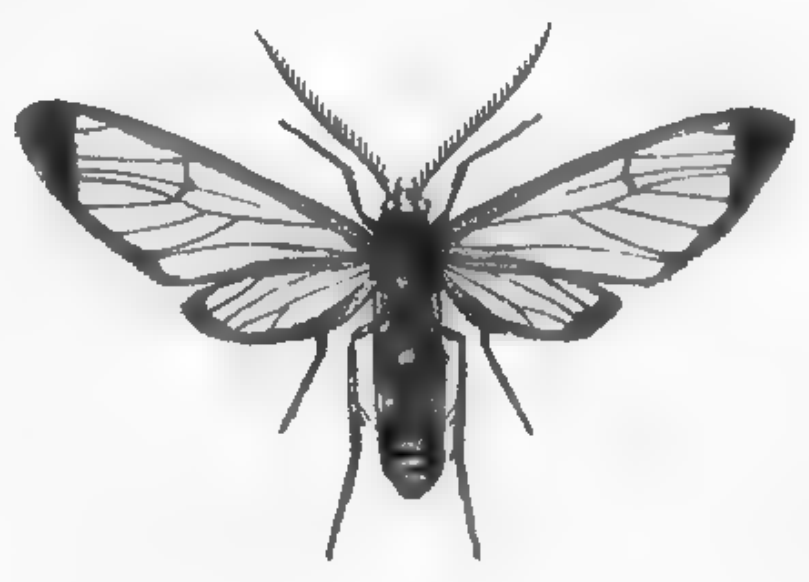
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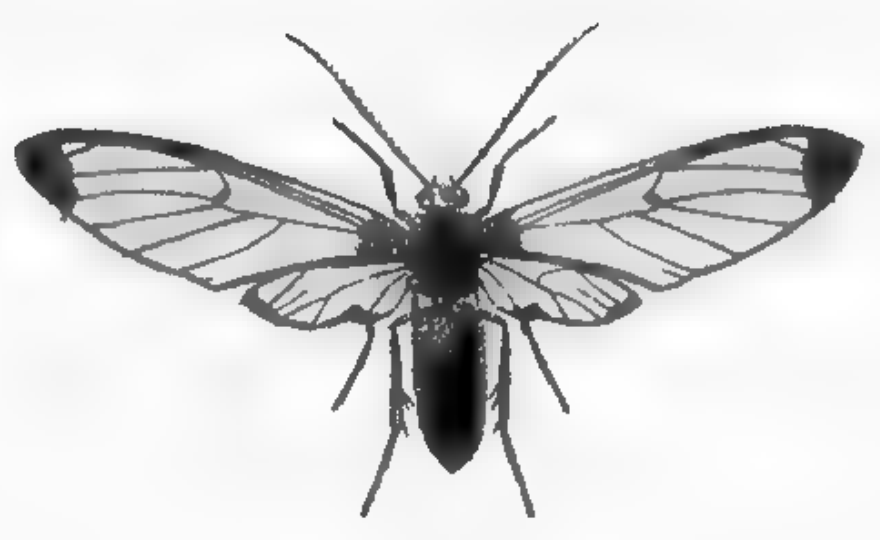
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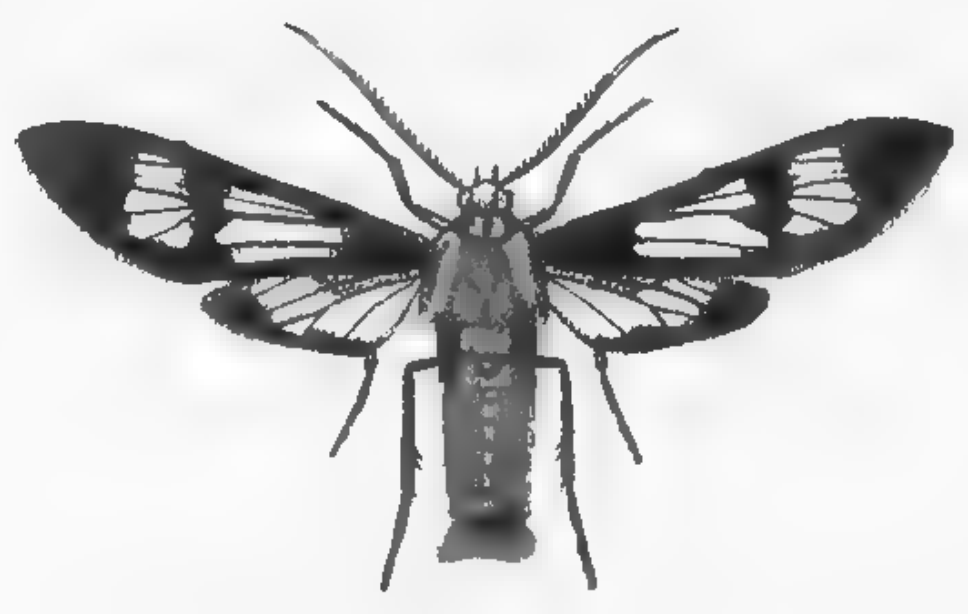
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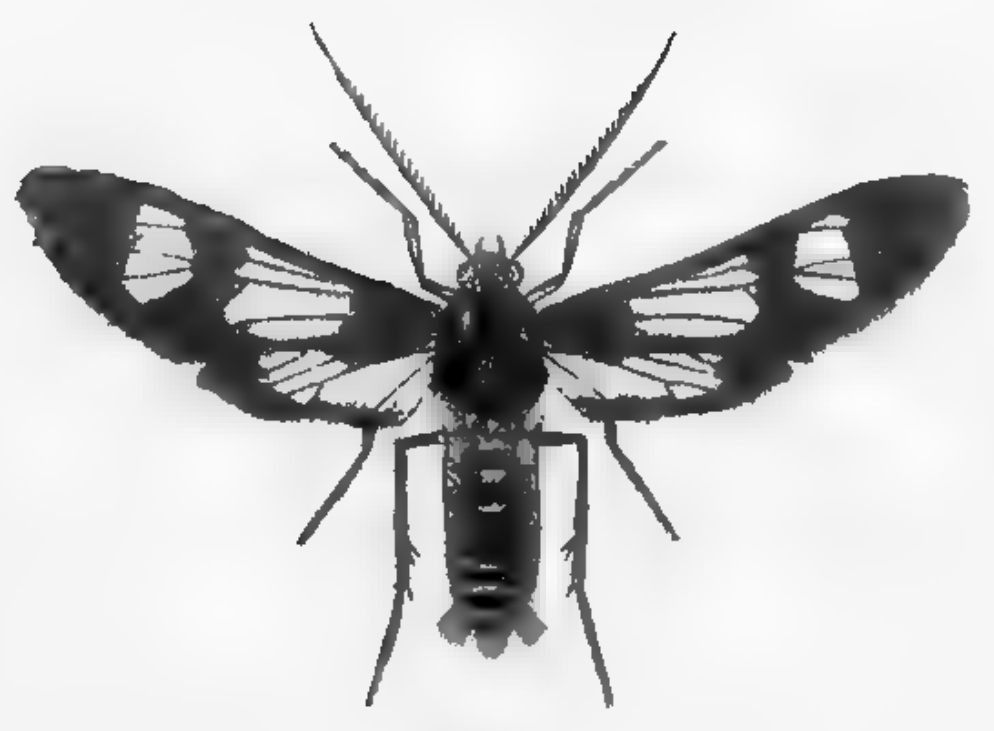
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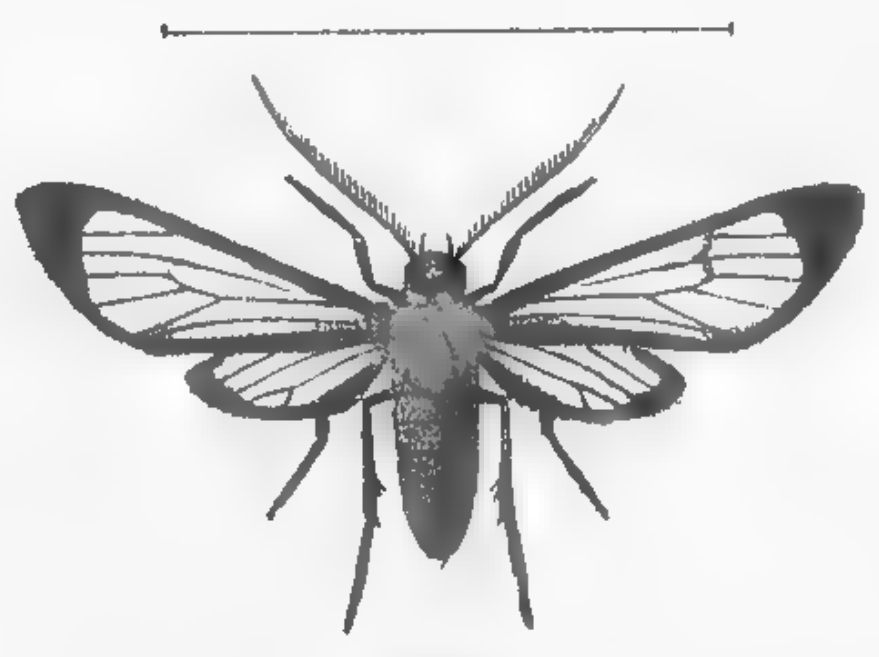
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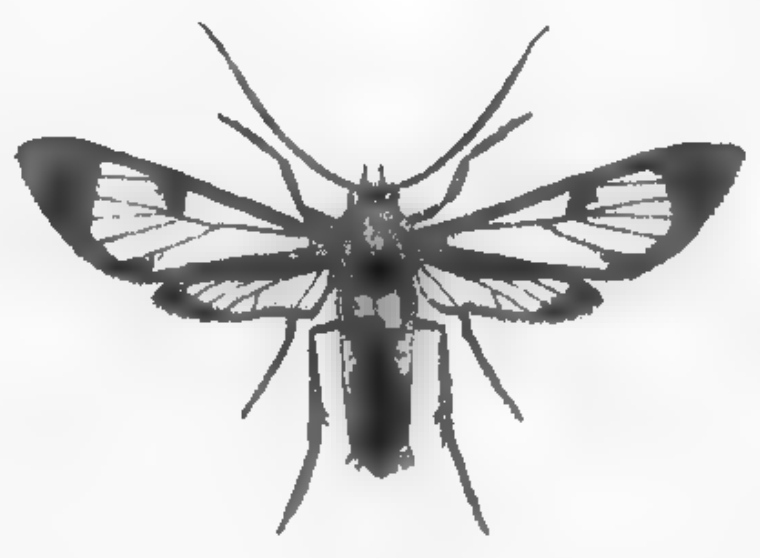
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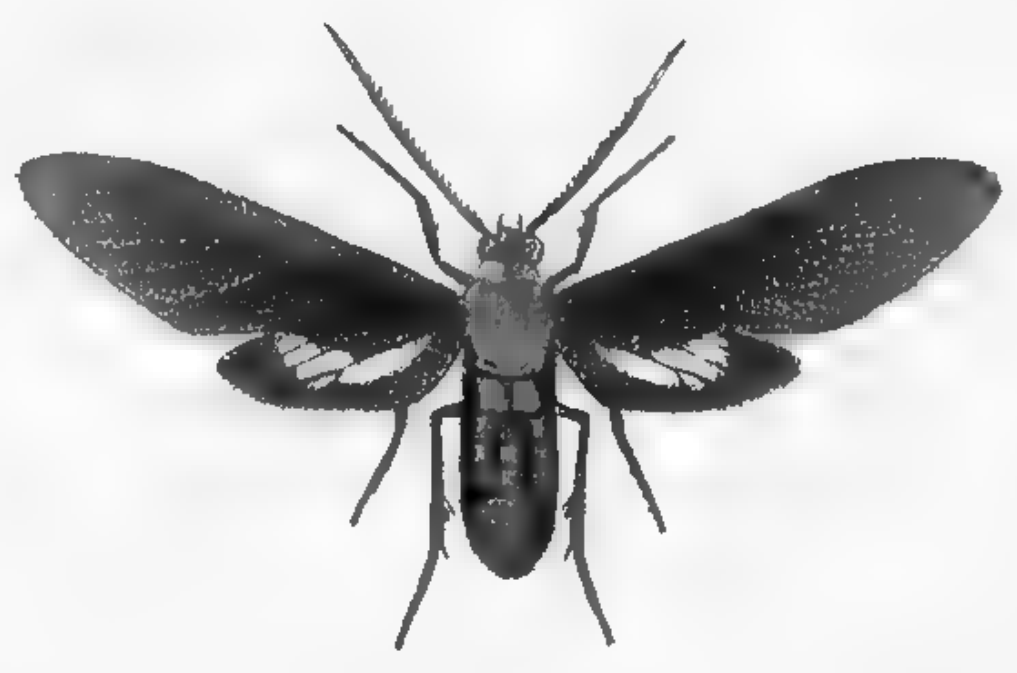
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1 PSEUDOSPHENOPTERA DEMOANASSA.
2 MACROCNEME CYLLARUS.
3 » HESIONE.
4 » CINYRAS.
5 HOMŒOCERA RODRIGUEZI.
6 CALLICARUS MISITRA.
7 » JALAPENSIS.
8 HOMŒOCERA SAHACON.
9 » SAMINA.
10 LÆMOCHARIS MASA.

11 LÆMOCHARIS NOX.
12 GYMNOPODA MECRIDA.
13 THRINACIA PROMETINA.
14 » INTERMEDIA.
15 SYNTOMEDIA JODA.
16 COSMOSOMA ALEUS.
17 THRINACIA RUATANA.
18 COSMOSOMA ZURCHERI.
19 » PROTUS.

20 COSMOSOMA ETHODÆA.
21 » PUDICA.
22 » ~~IMPAR~~. cocci[illegible]
23 » MERES.
24 ILIPA UNXA.
25 DYCLADIA LYDIA.
26 » THERA.
27 » PYRRHA.
28 » UTICA.
29 » DEMONA.

W. Purkiss lith.

Hanhart imp.
678.

Blue Cyan Green Yellow Red Magenta White 3/Color Black
KODAK Color Control Patches
© The Tiffen Company, 2000
Kodak LICENSED PRODUCT
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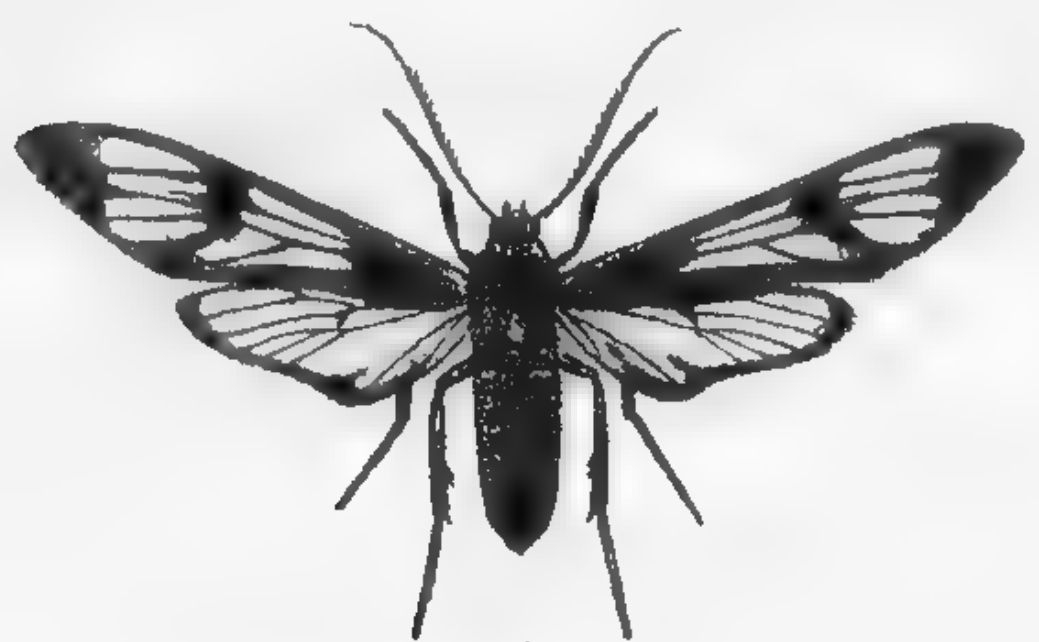
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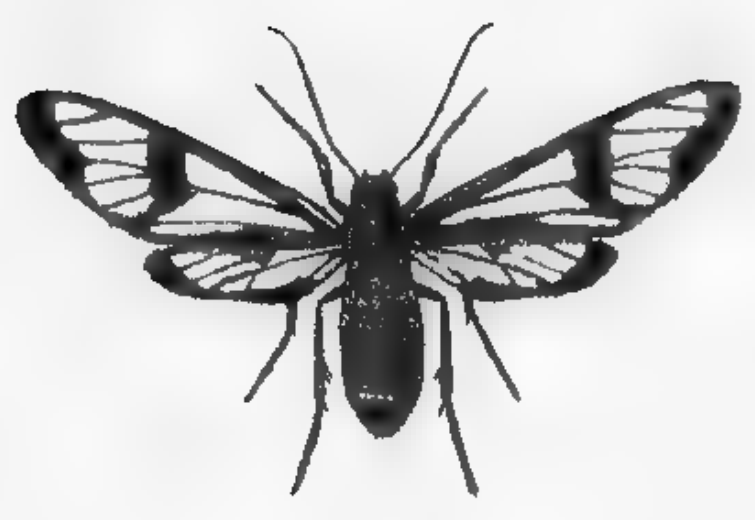
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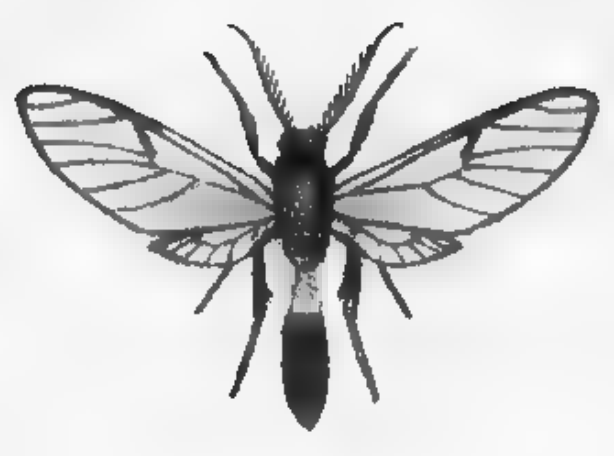
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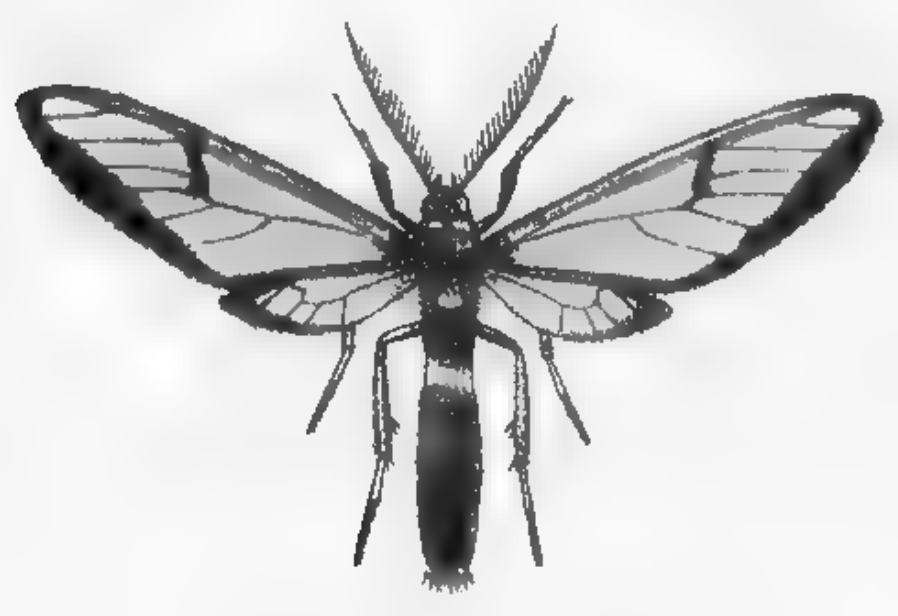
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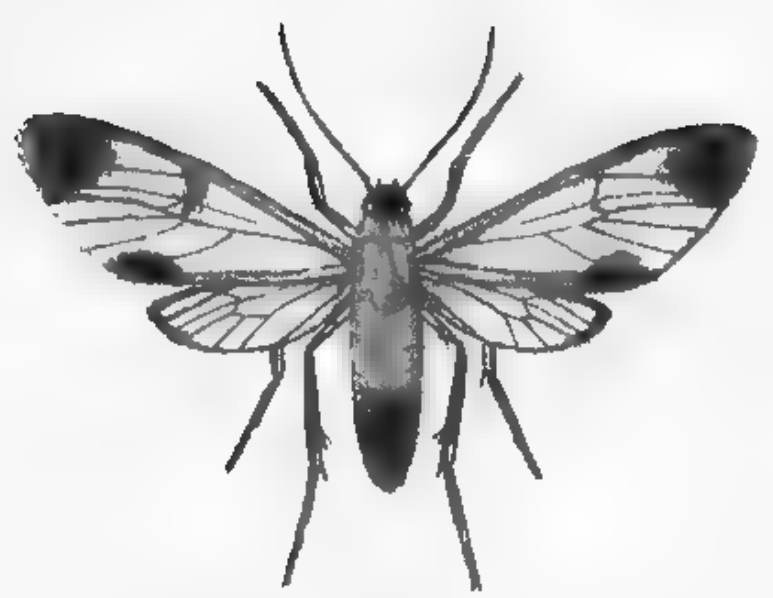
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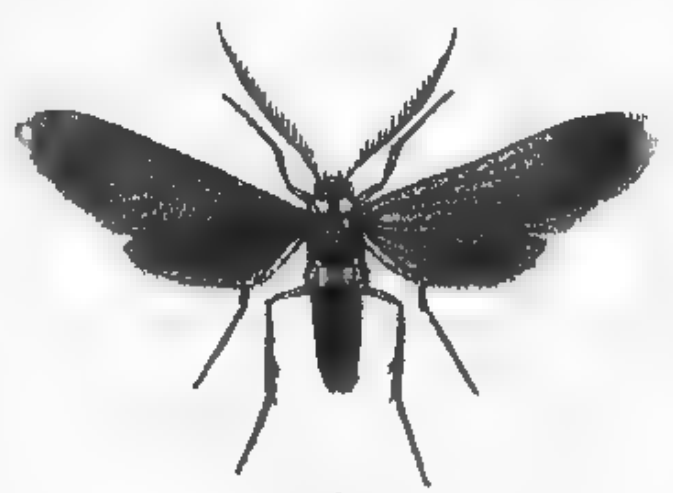
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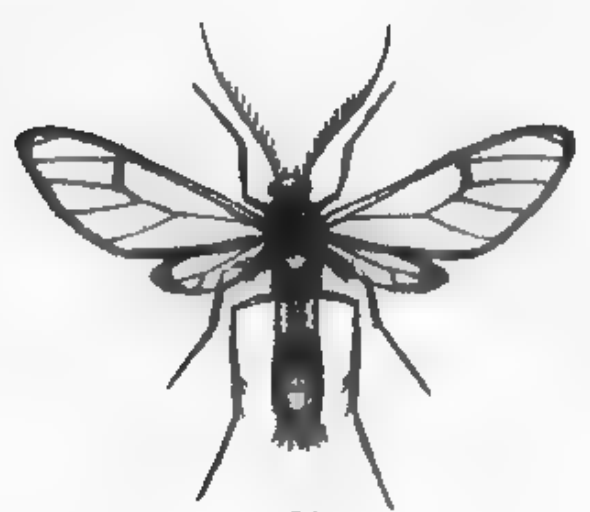
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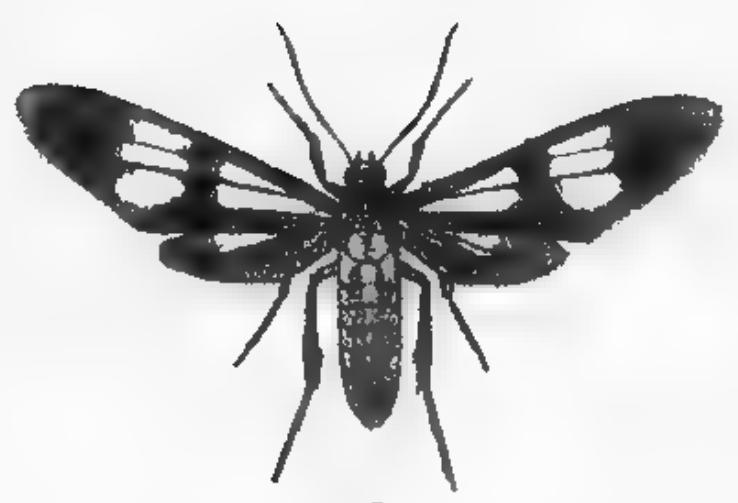
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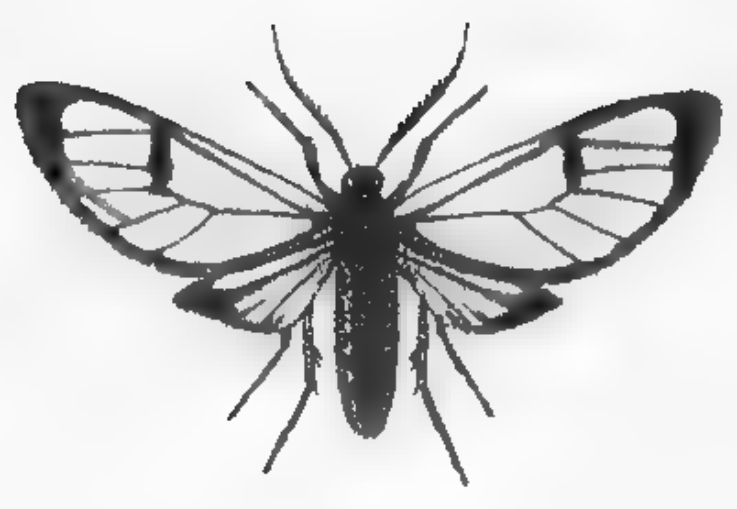
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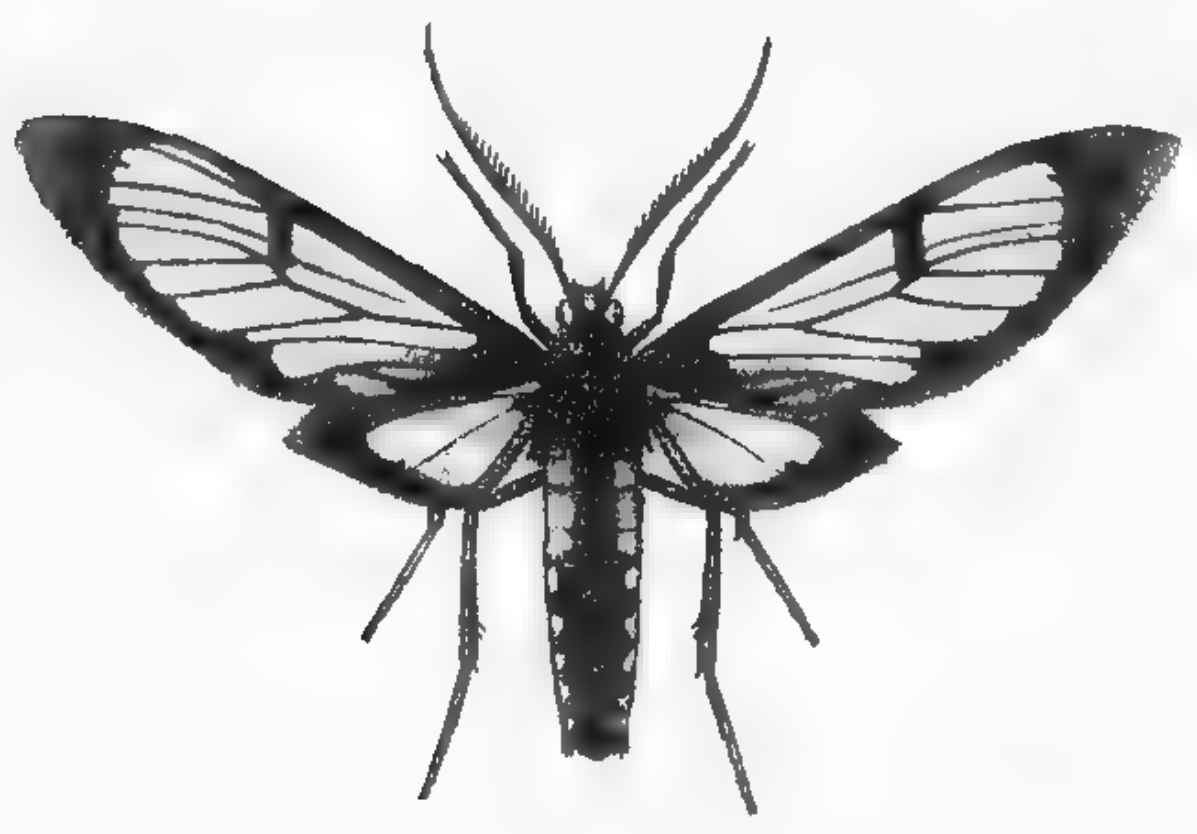
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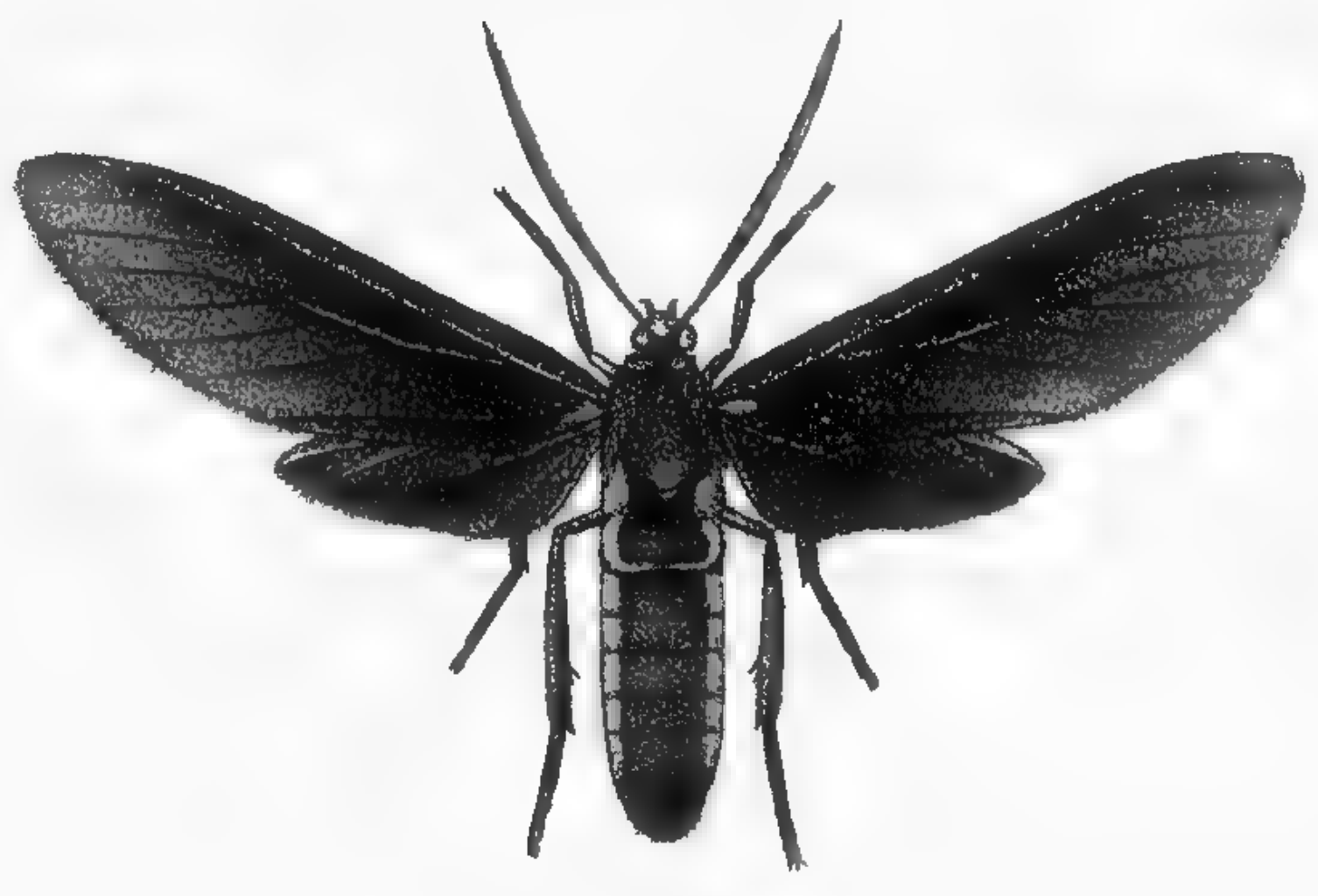
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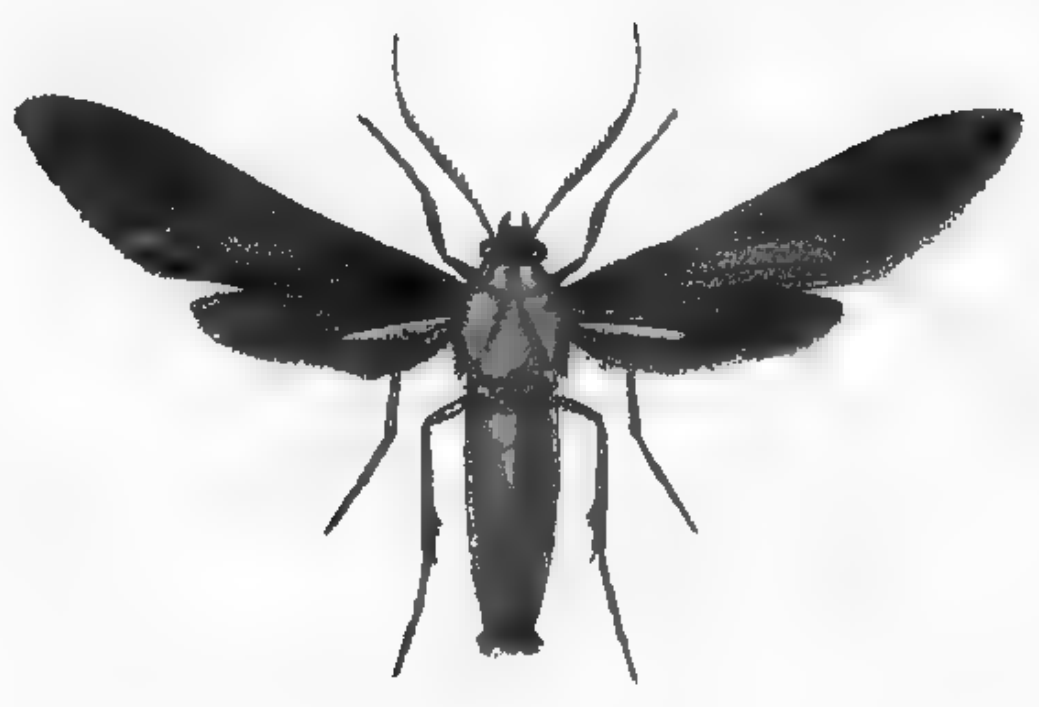
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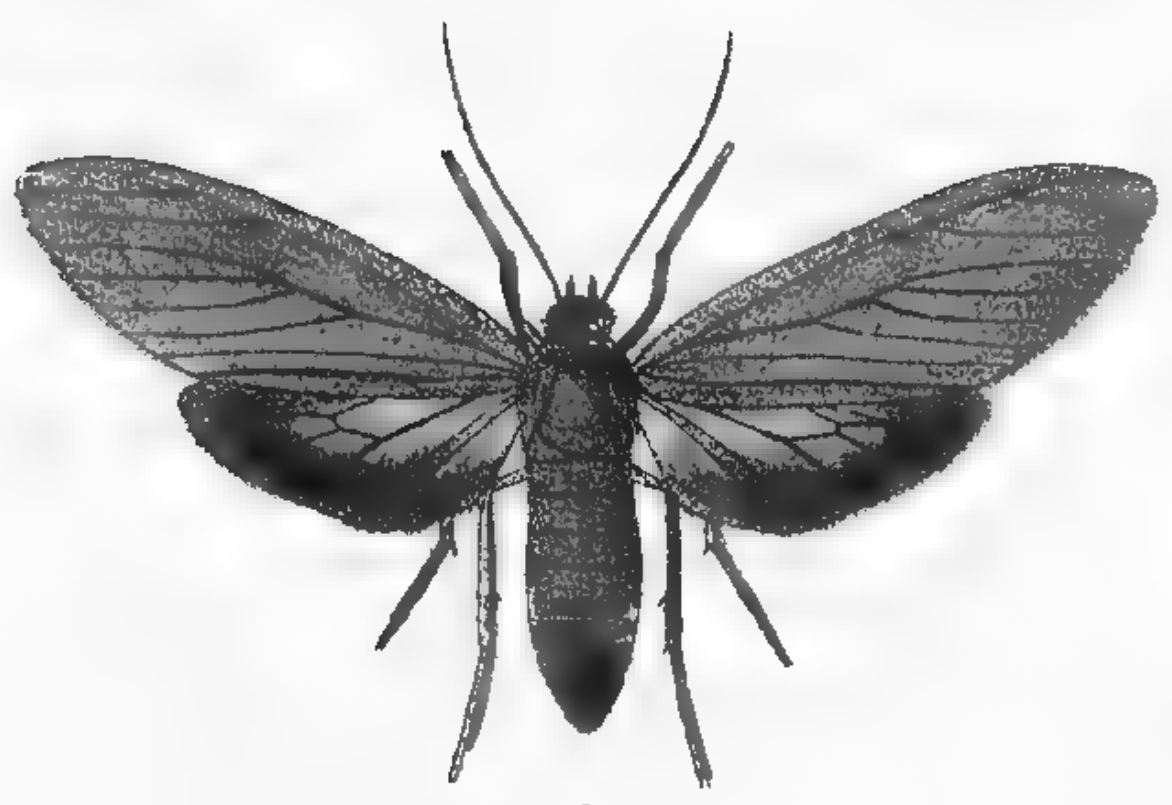
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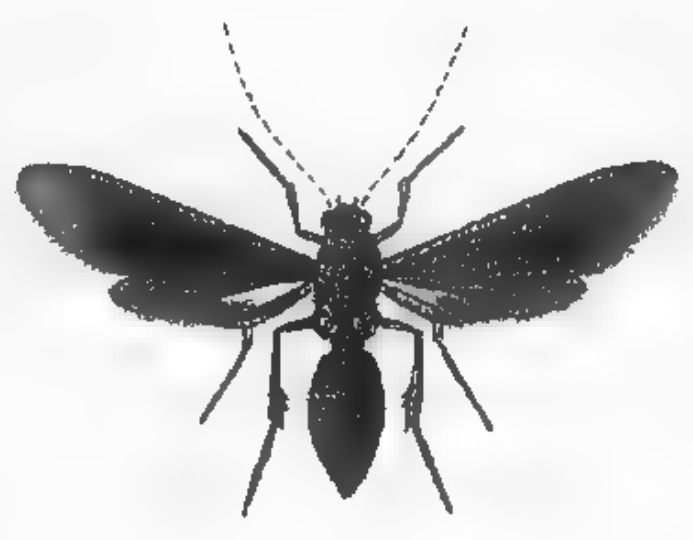
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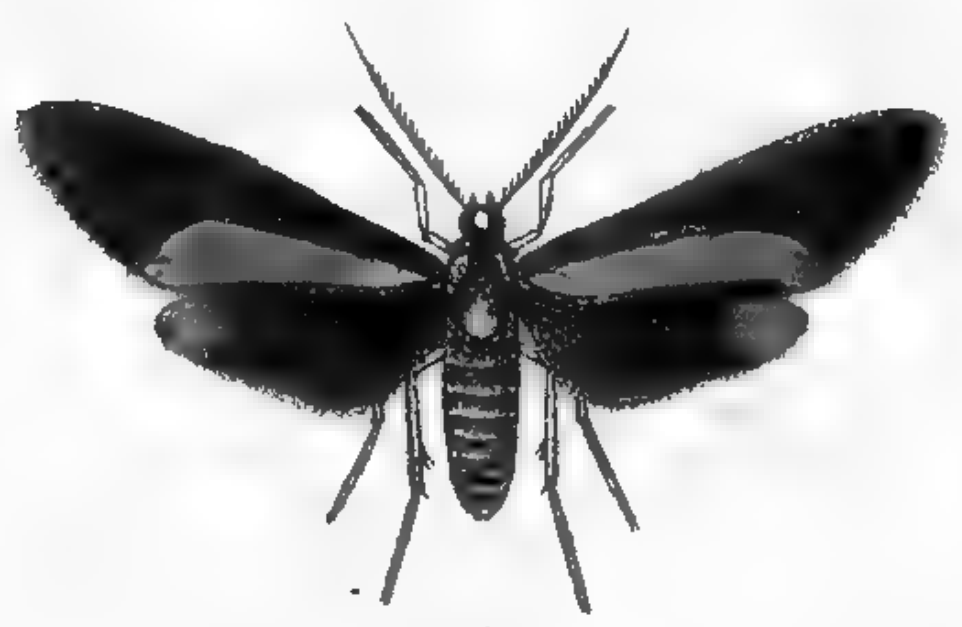
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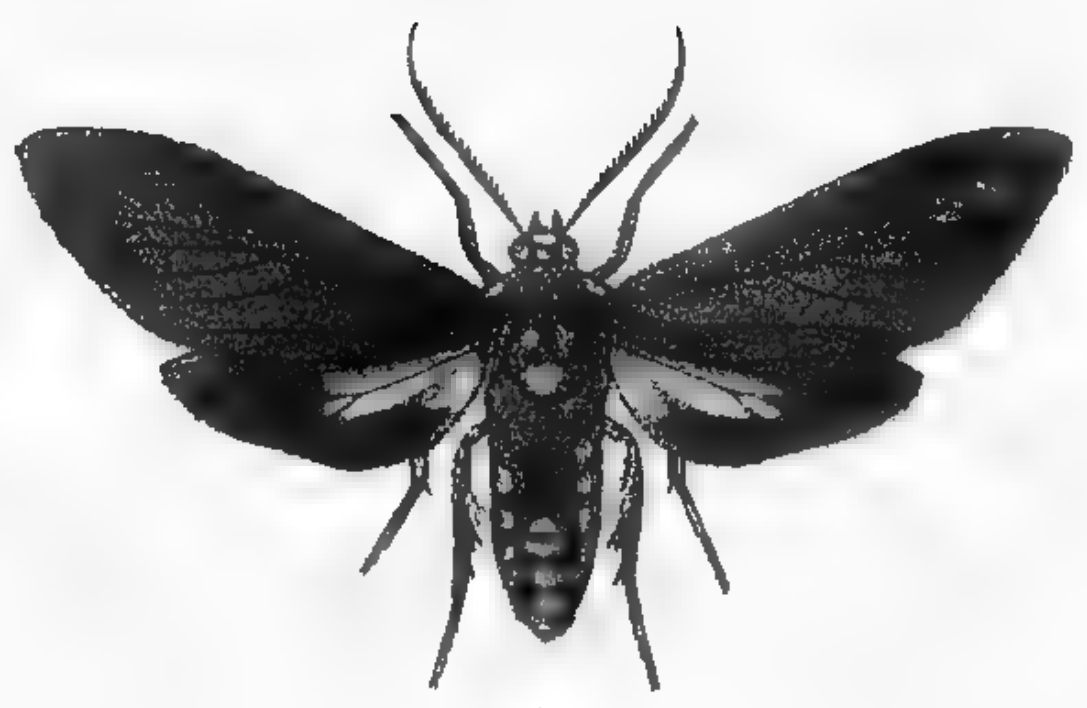
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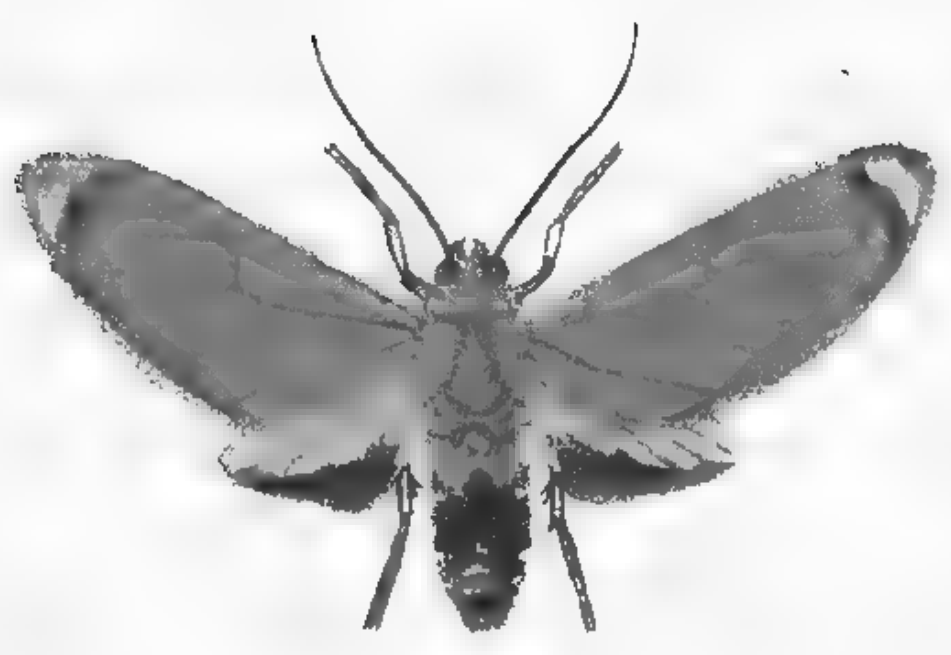
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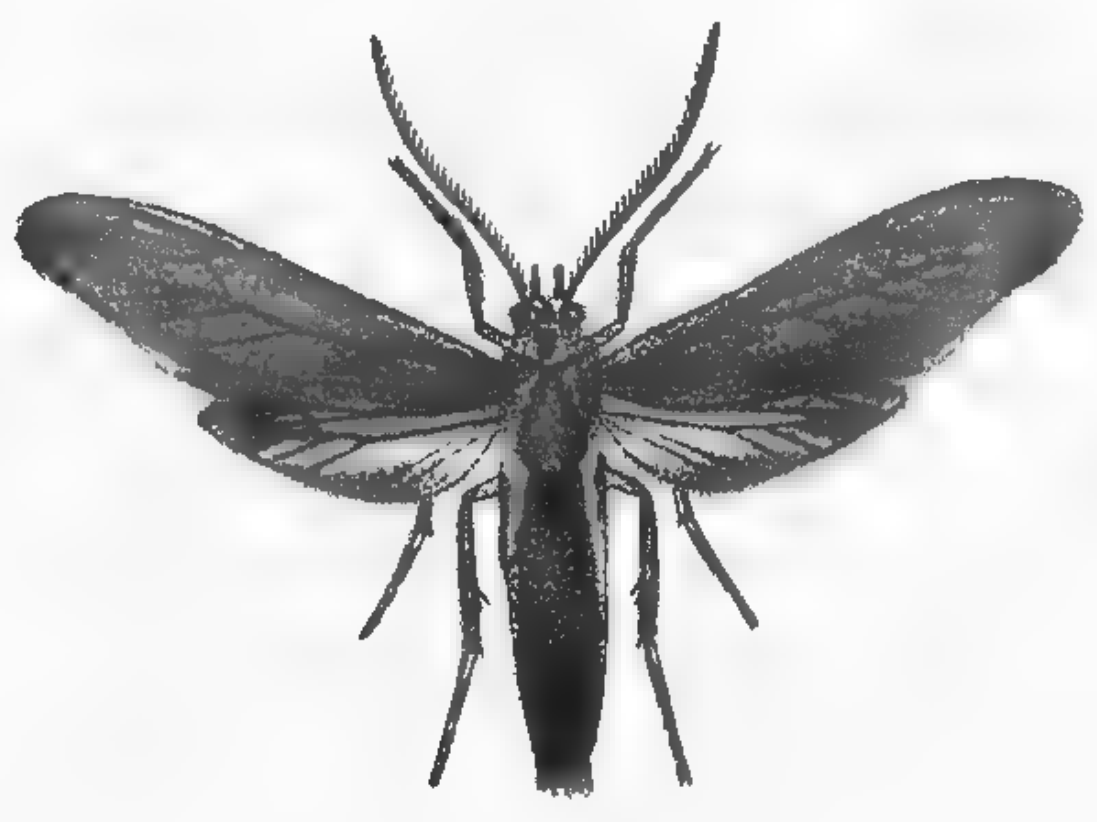
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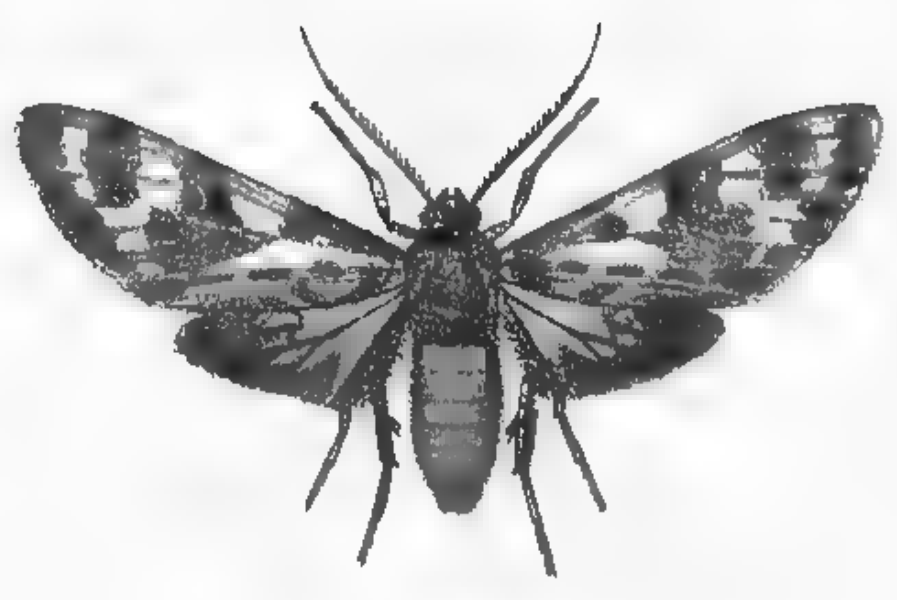
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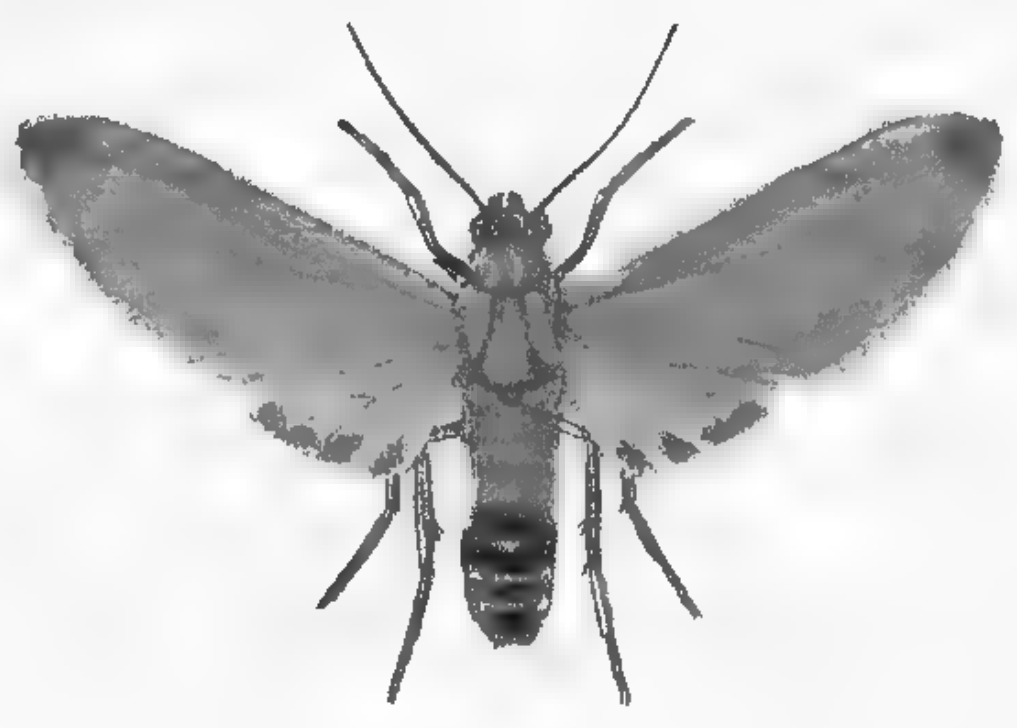
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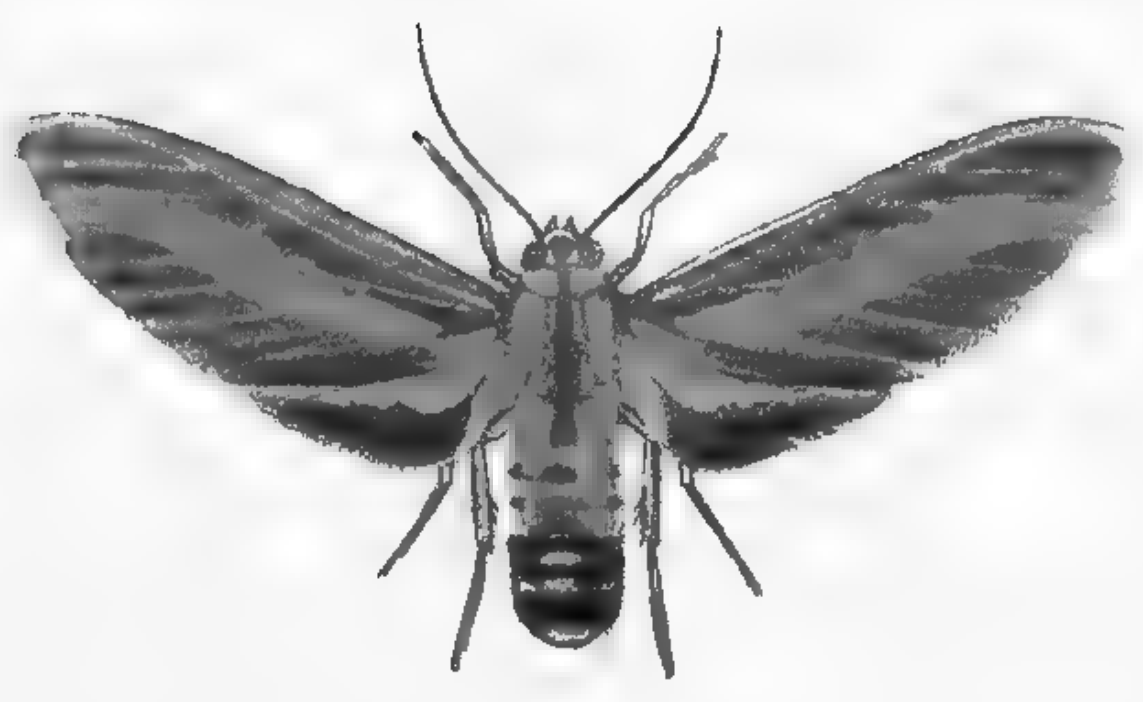
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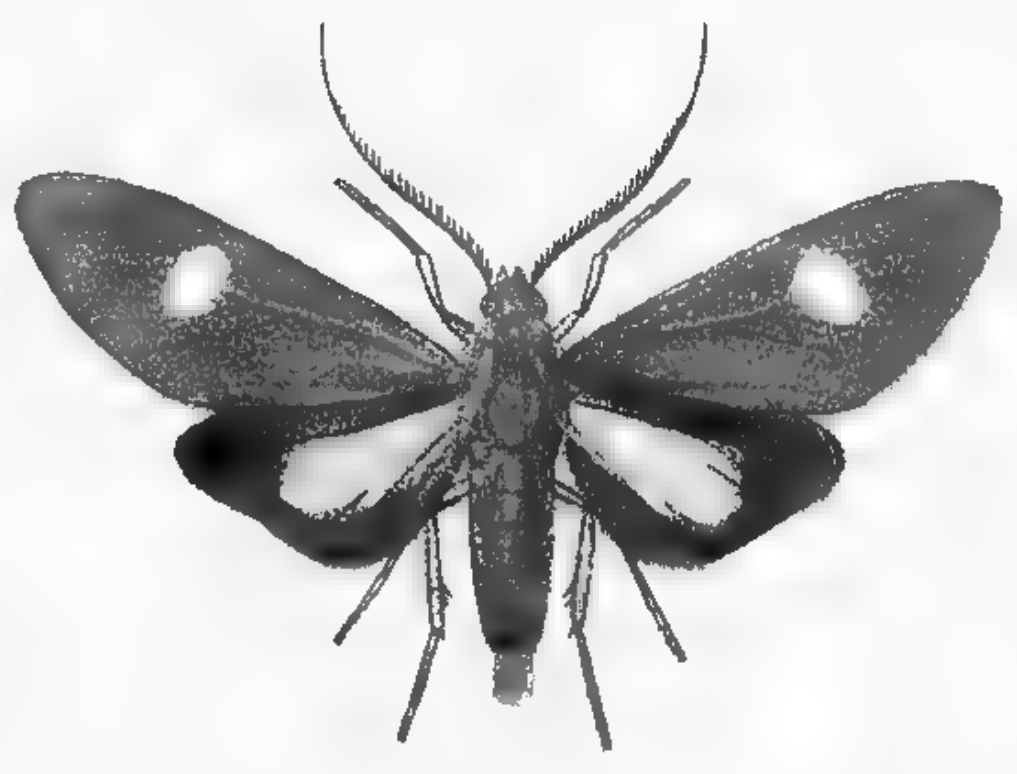
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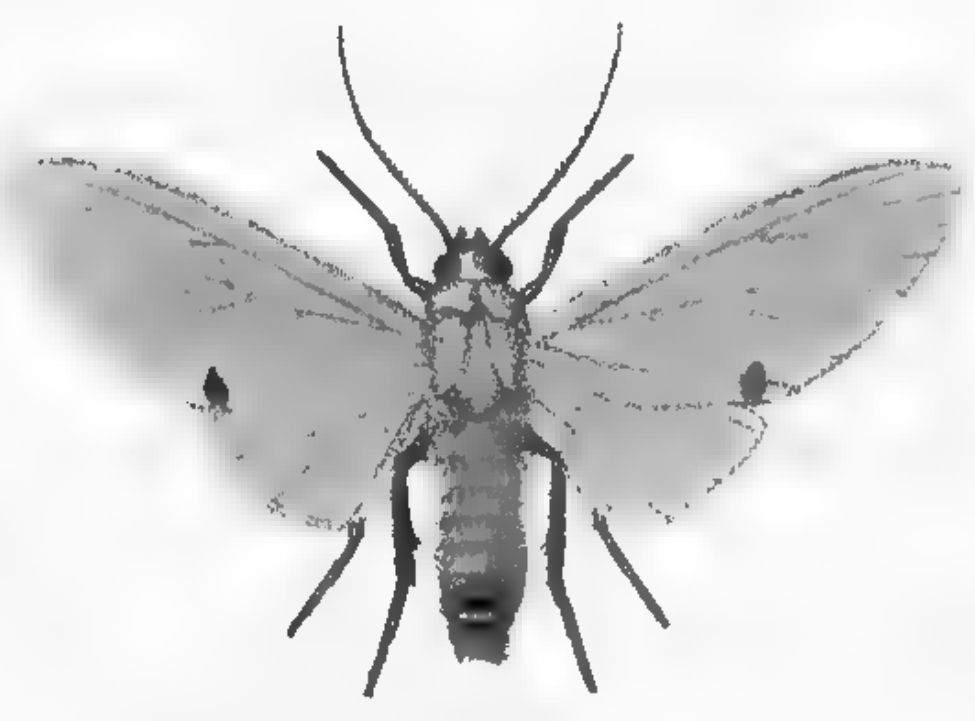
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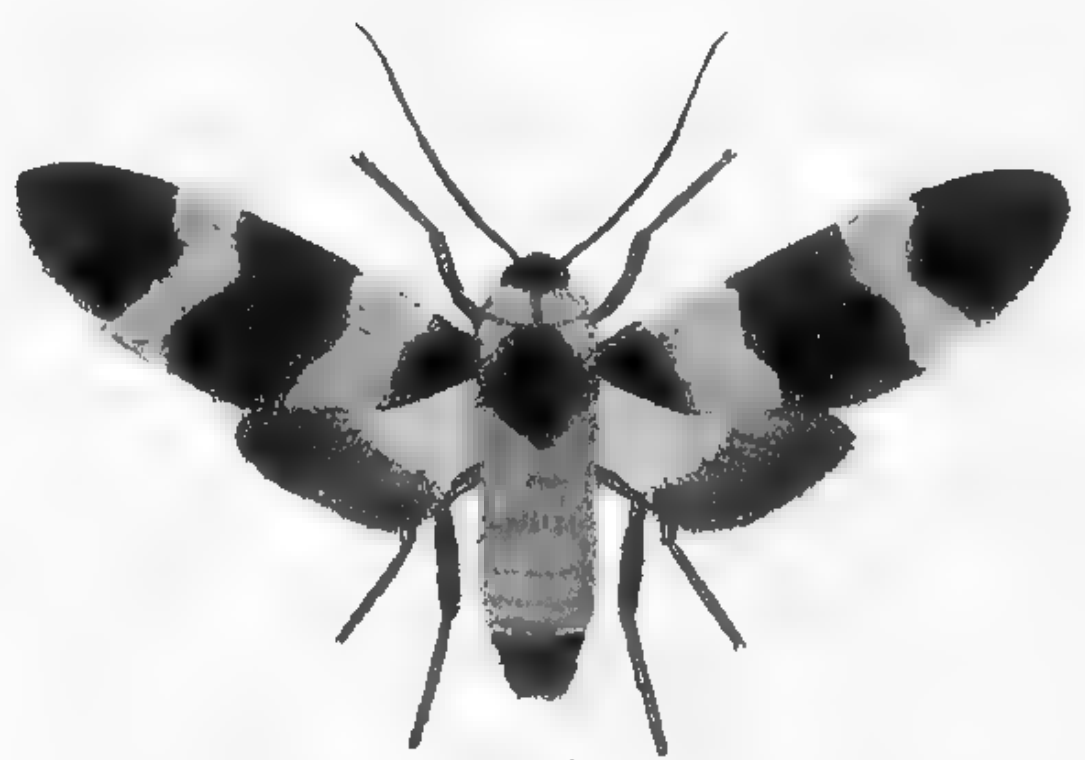
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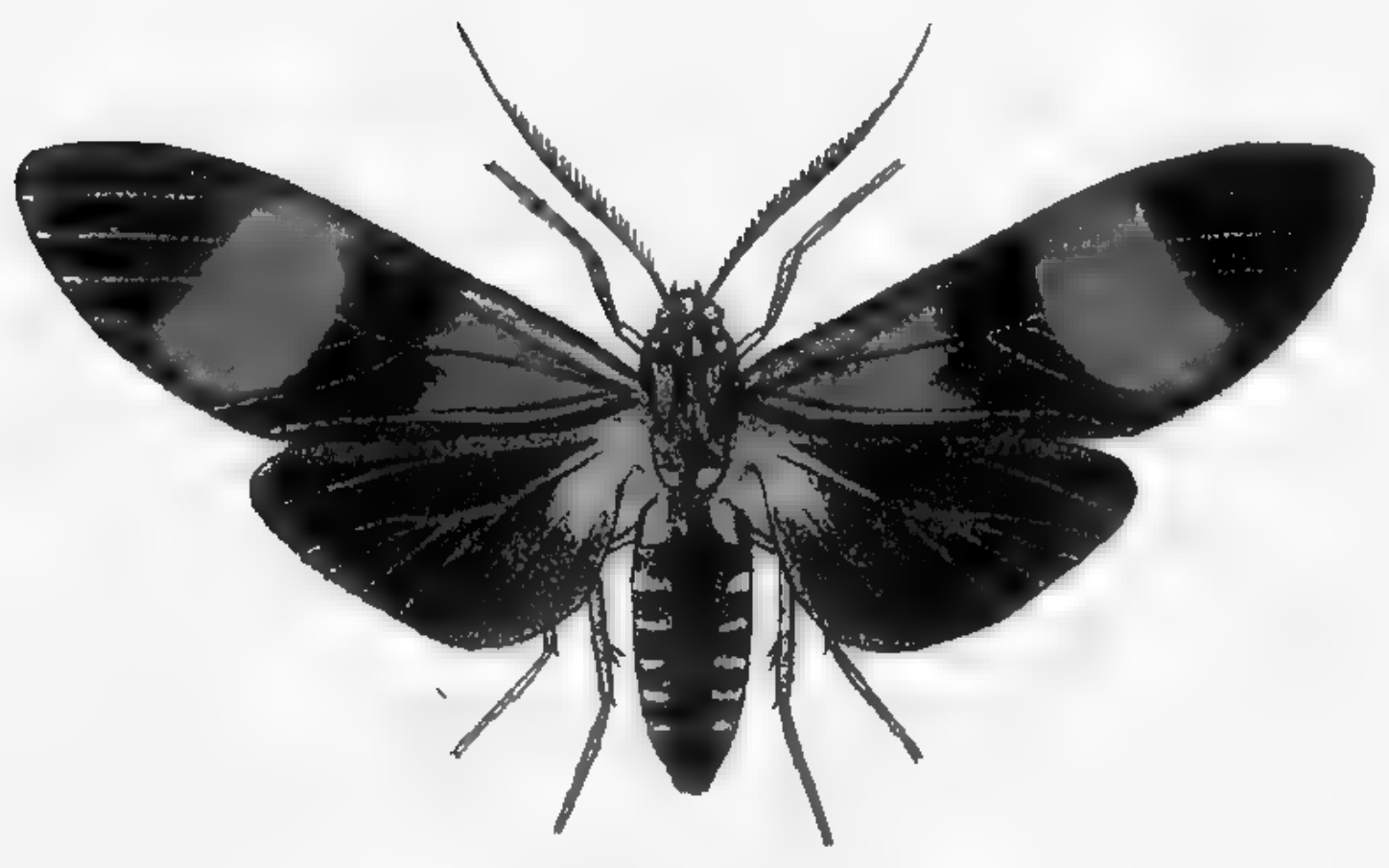
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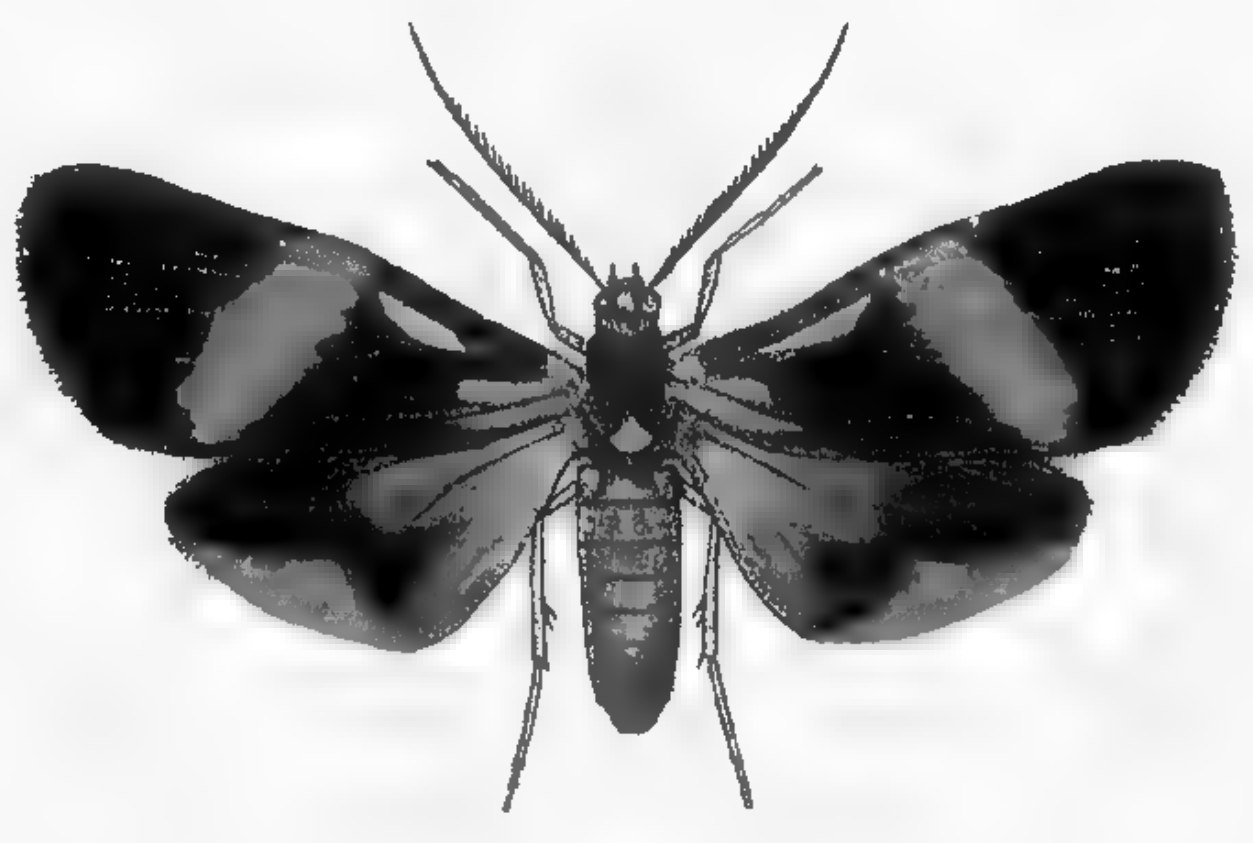
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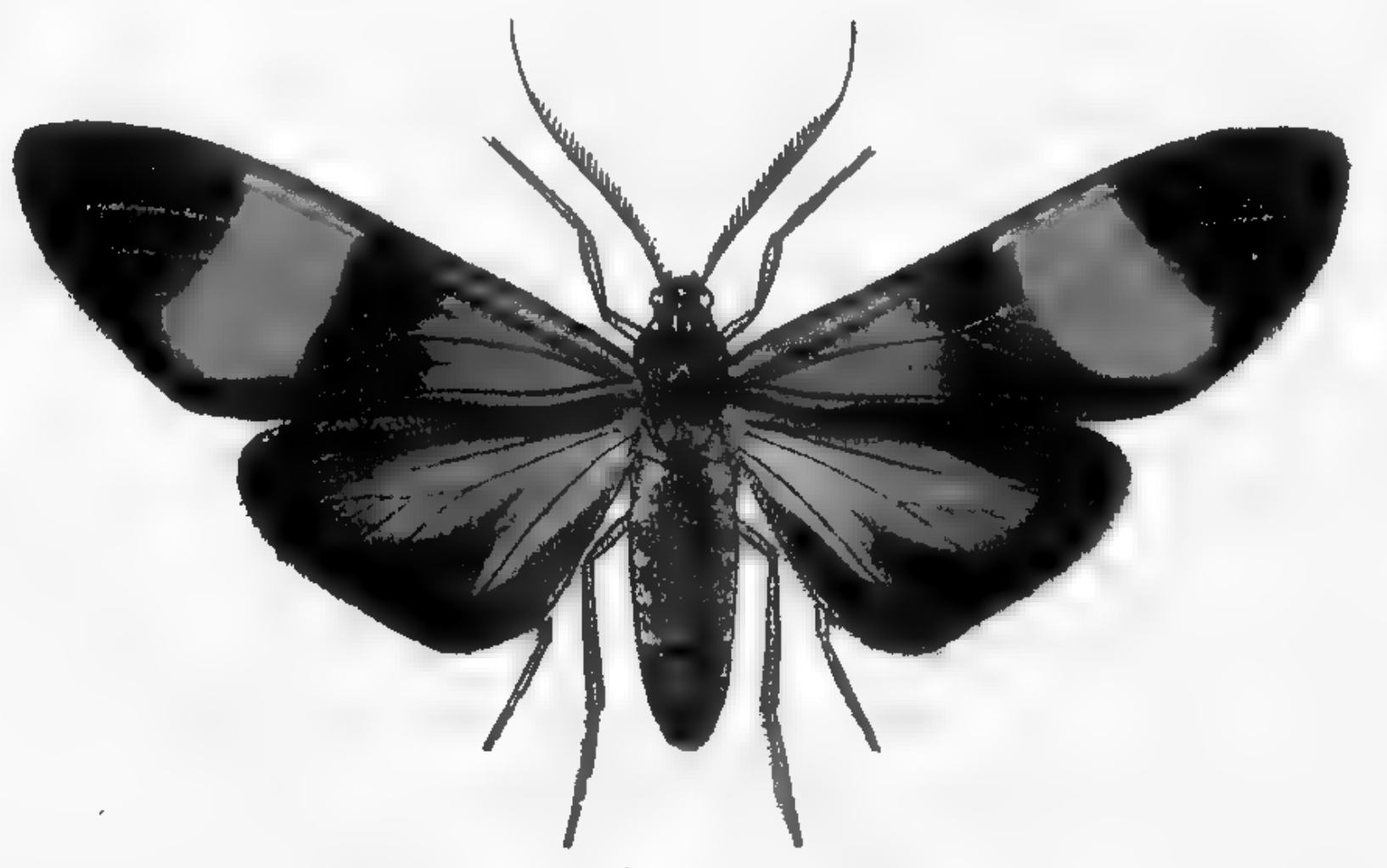
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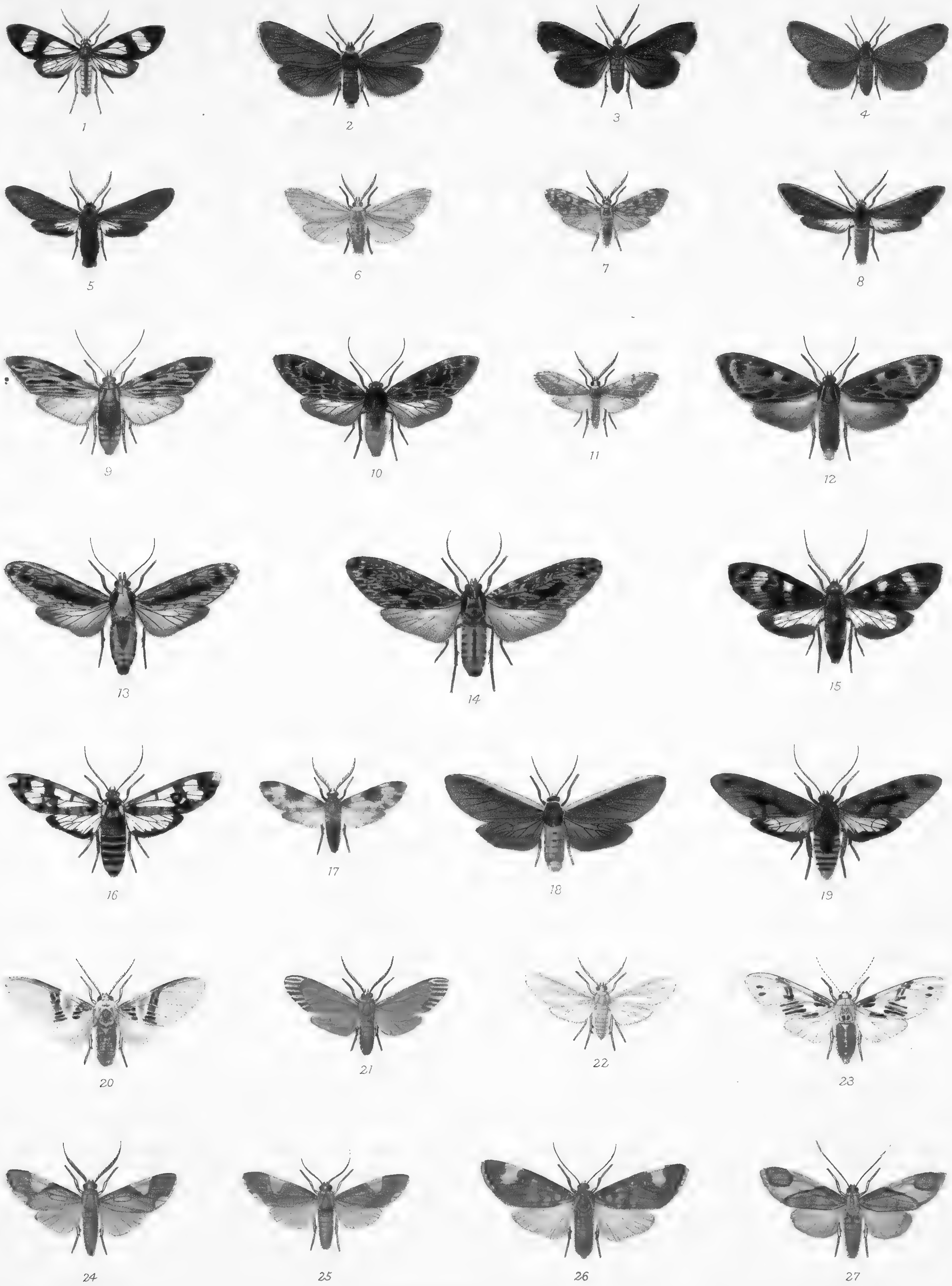
1 PHÆNARETE DIANA.
2 DYCLADIA LADAN.
3 ARGYROEIDES MINUTA.
4 „ MOZA.
5 „ (?) FAVERIA.
6 NAPATA GUATEMALENA.
7 SYNTRICHURA REBA.
8 DYCLADIA MORA.
9 SYNTRICHURA PHILOCLES.

10 NEOTRICHURA PENATES.
11 PTERYGOPTERUS CLAVIPENNIS.
12 CHLOROPSINUS POTENTIA.
13 ACLYTIA RUFIVENTRIS.
14 ANTICHLORIS RUATANA.
15 CHARIDEA IRA.
16 ACLYTIA MOLONEYI.
17♂ AUTOMOLIS PARMA.
18 PIONIA RACA.

19 HELIURA PYRRHOSOMA.
20♂ AUTOMOLIS ORBONA.
21♀ „ NABDALSA.
22♂ CRATOPLASTIS ROMULA.
23♂ AUTOMOLIS SALMA.
24 „ TEGYRA.
25♂ BELEMNIA TRÖTSCHI.
26♂ PSEUDOCHARIDEA EION.
27♀ BELEMNIA TRÖTSCHI.

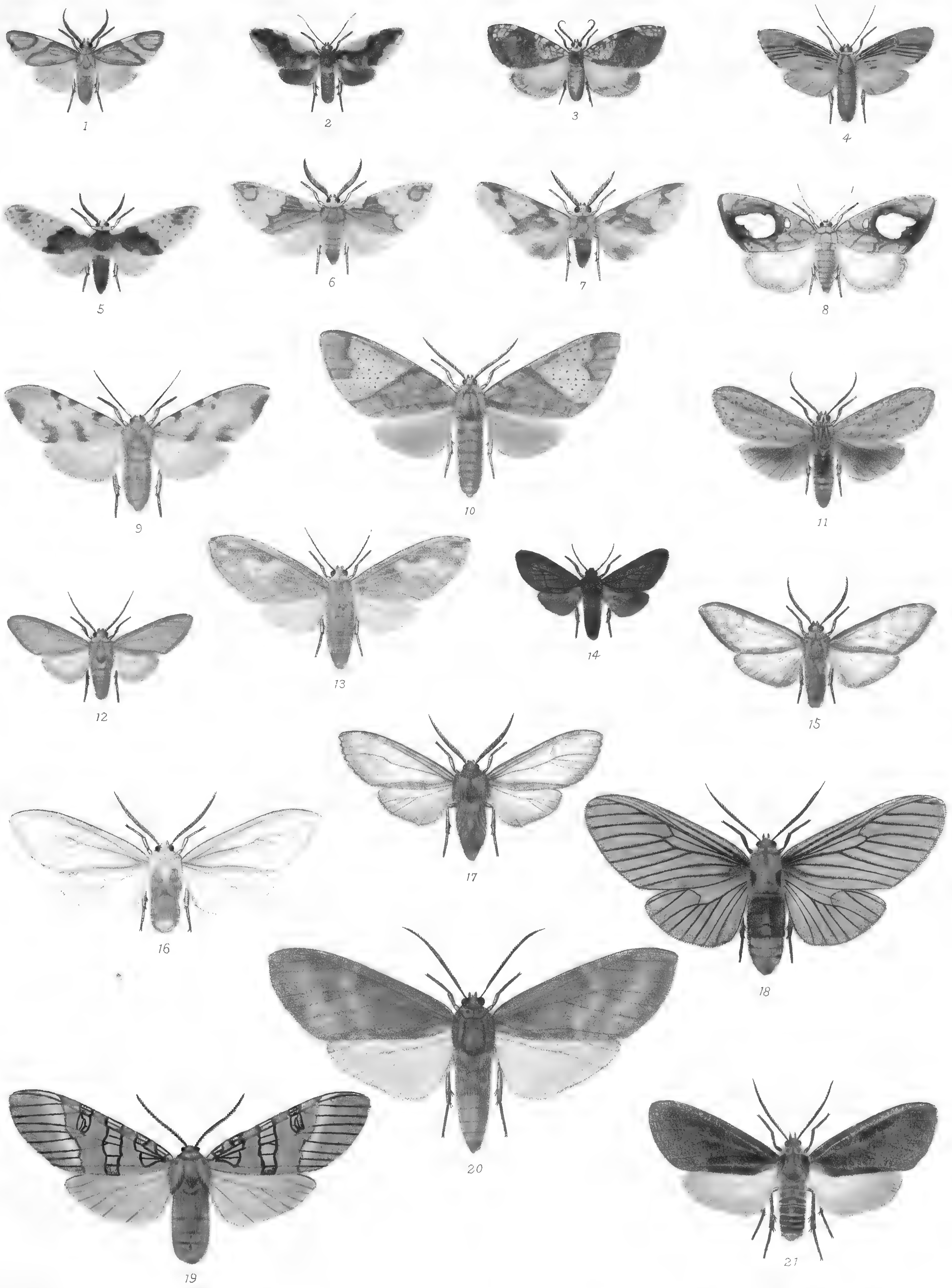
W. Purkiss lith.

Hanhart imp.
680.



1 METASTATIA OSSA.
2 CTENUCHA AZTECA.
3♂ » AFFINIS.
4 » (?) DOLENS.
5 SCEPSIS SALATIS.
6 EUCEREON PROMATHIDES.
7♂ » MINUTUM.
8 SCEPSIS POLLINIA.
9 THEAGES STRIATA.
10 EUCEREON AMADIS.
11 » POMETINA.
12 » DARANTASIA.
13 » PATRONA.
14 » MYRTUSA.
15♀ » DEMONIS.
16 HYALEUCEREA VULNERATA.
17 EUCEREON RUBUBA.
18 PHRAGMATOBIA ALBICOSTA.
19 THYSANOPRYMNA SUPERBA.
20 IDALUS HEROIS.
21 EVIUS WALKERI.
22 IDALUS ALBA.
23 » DARES.
24 NERITOS COTES.
25 » FLAVO-ROSEUS.
26♀ » AMASTRIS.
27 » TIPOLIS.

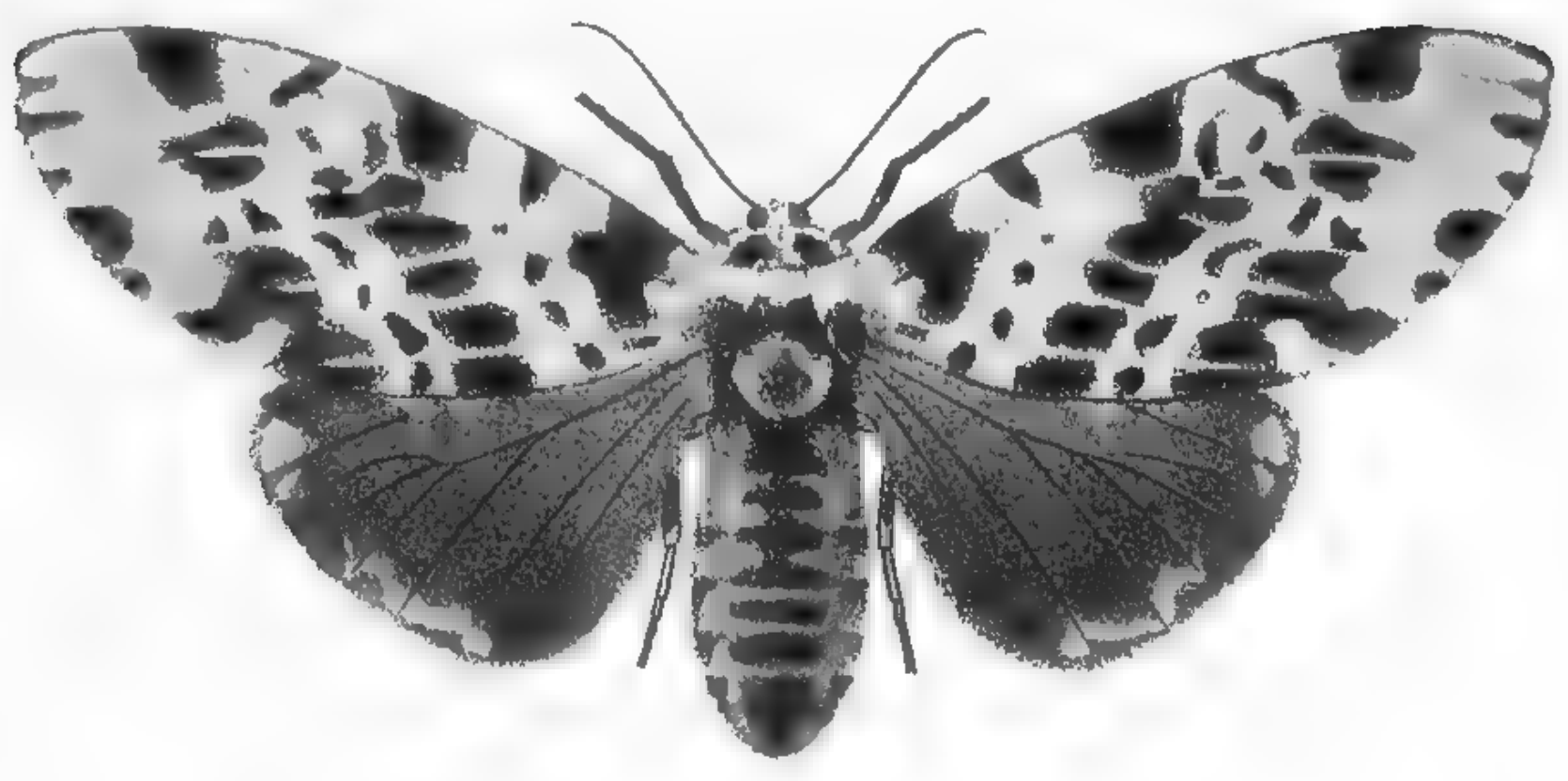
W. Purkiss lith.
Hanhart imp.
679



1 NERITOS SAMOS.
2 SCAPTIUS DITISSIMUS.
3 ZATREPHES (?) PRONAPIDES.
4 RHIPHA VITTIPES.
5 AMAXIA JUVENIS.
6 » CREON.
7 » PYRGION.
8 ZATREPHES PHILOBIA
9 HALISIDOTA LABACA
10 » SEMIRUFA.
11 » CEDON.
12 » JALAPA.
13 CASTRICA OWENI.
14 HALISIDOTA (?) EURYGANIA.
15 PHÆGOPTERA DARABA.
16 » HYALINA.
17 » RHODA.
18 » TRIPHYLIA.
19 » MASONI.
20 » PROBA.
21 AMMALO THRAILKILLI.

W. Purkiss Lith.
Hanhart imp.
682.

Blue Cyan Green Yellow Red Magenta White 3/Color Black
KODAK Color Control Patches © The Tiffen Company, 2000 Kodak LICENSED PRODUCT
Centimetres
Inches



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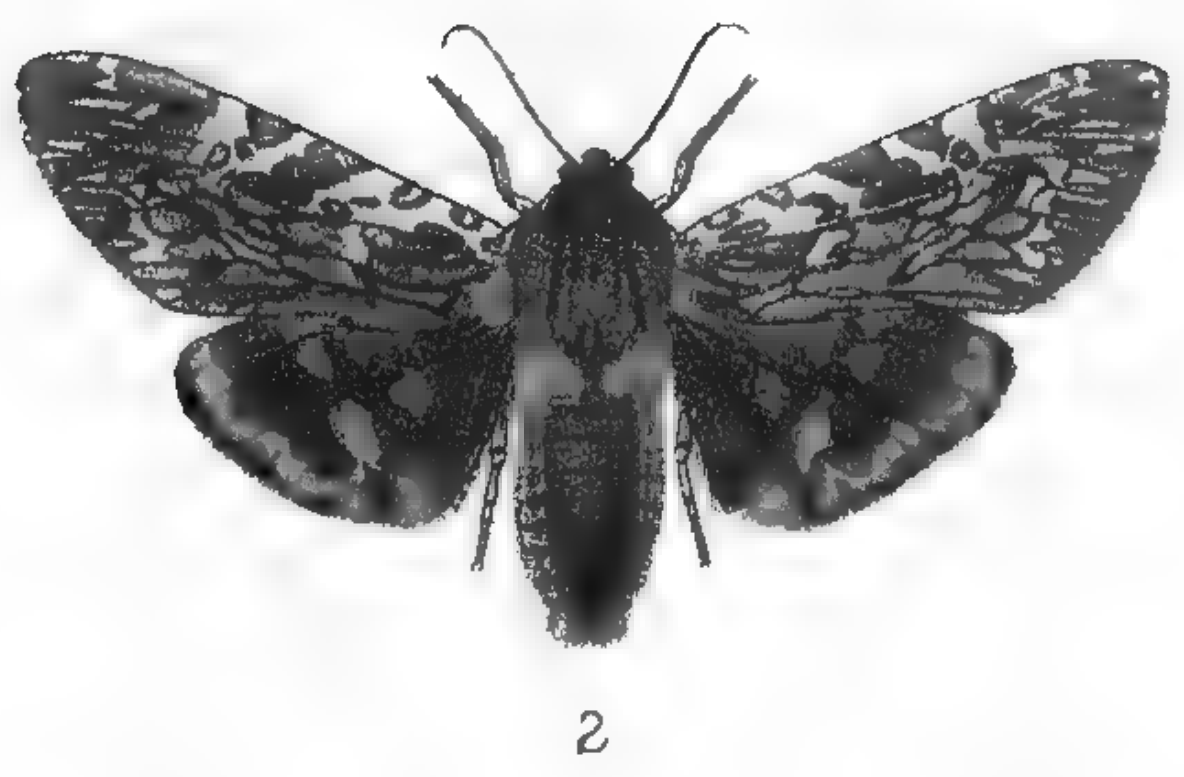

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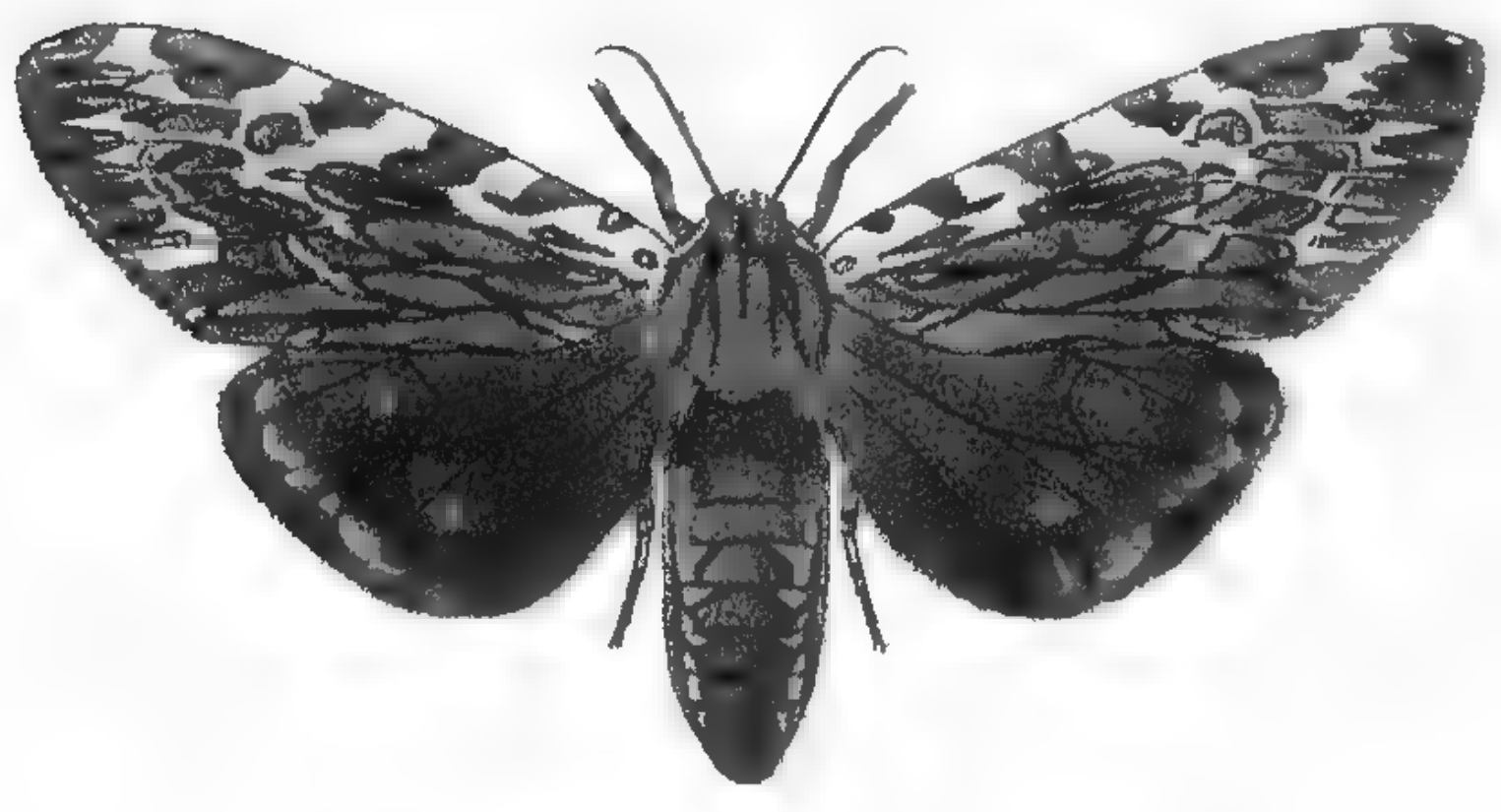

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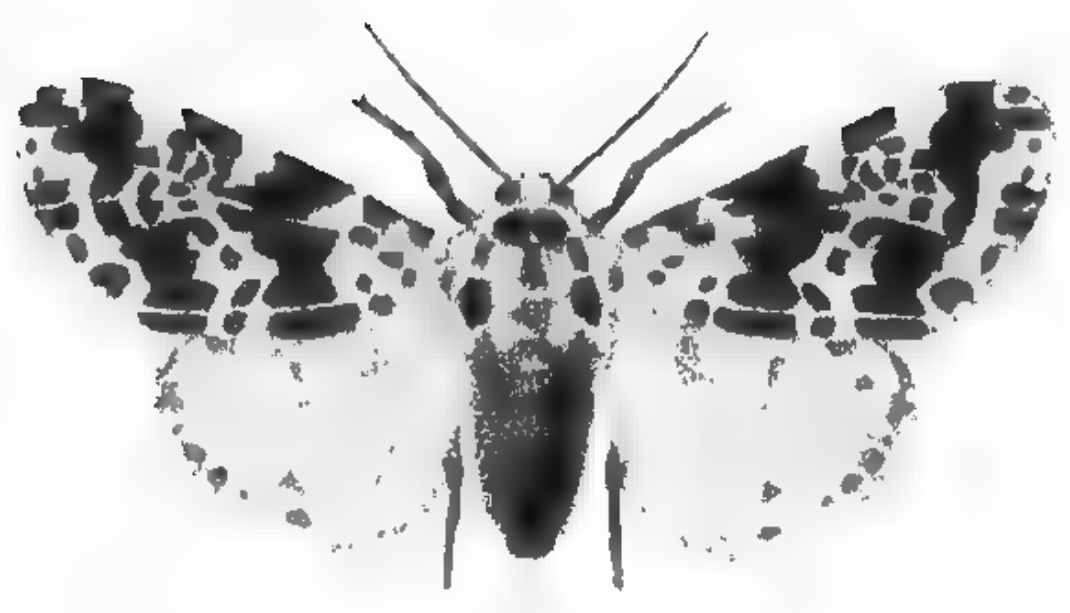

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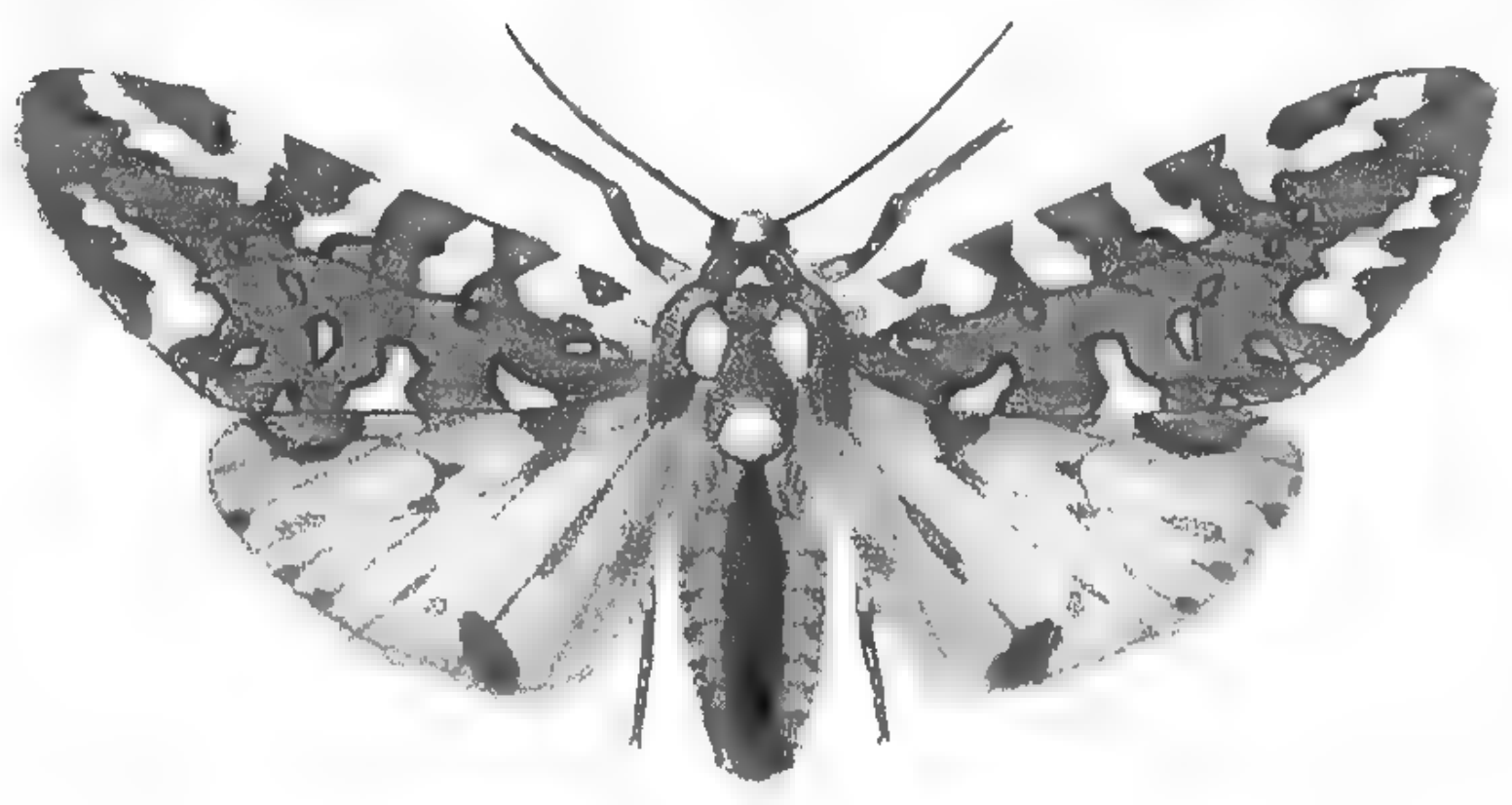

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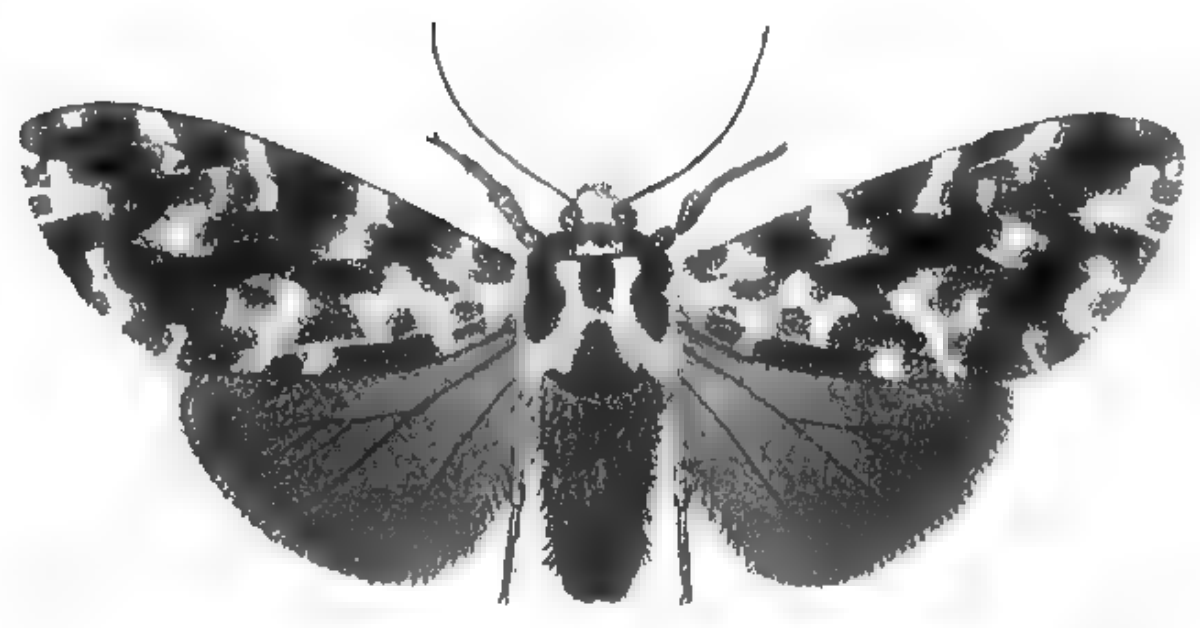

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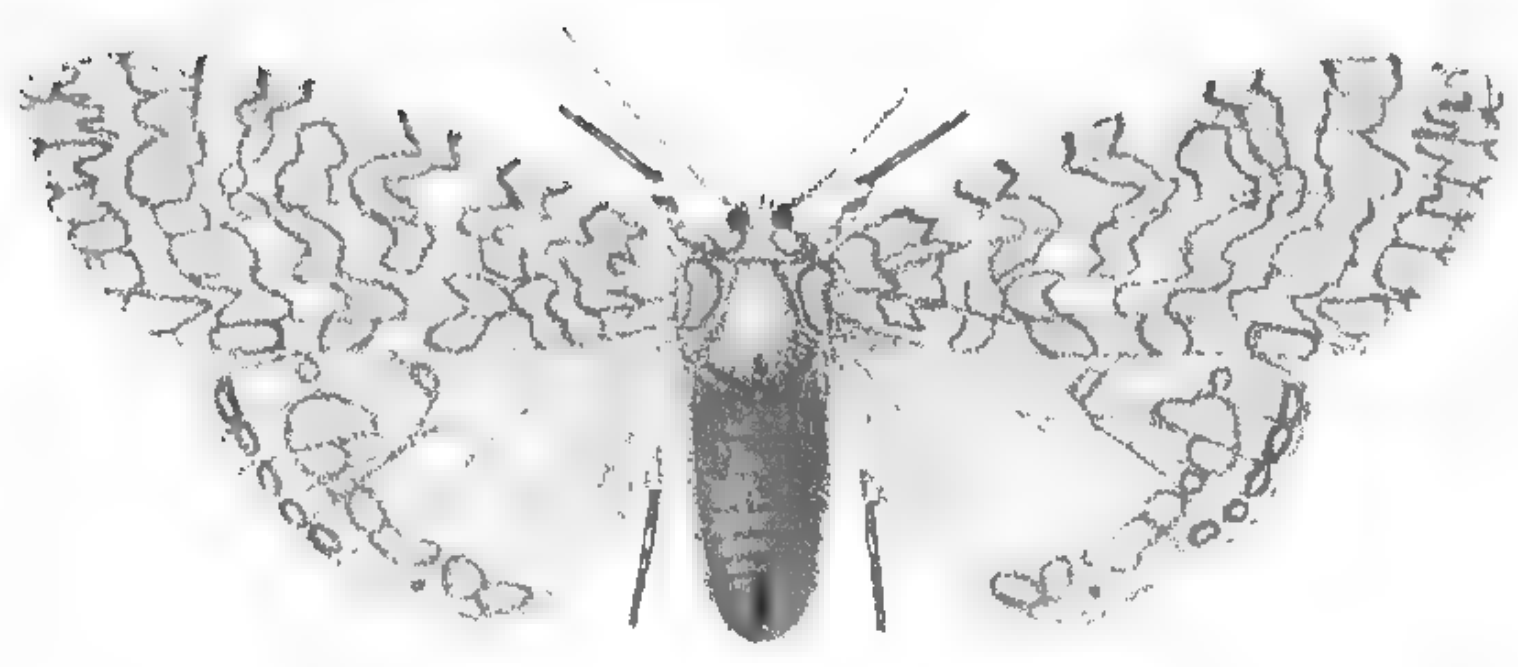

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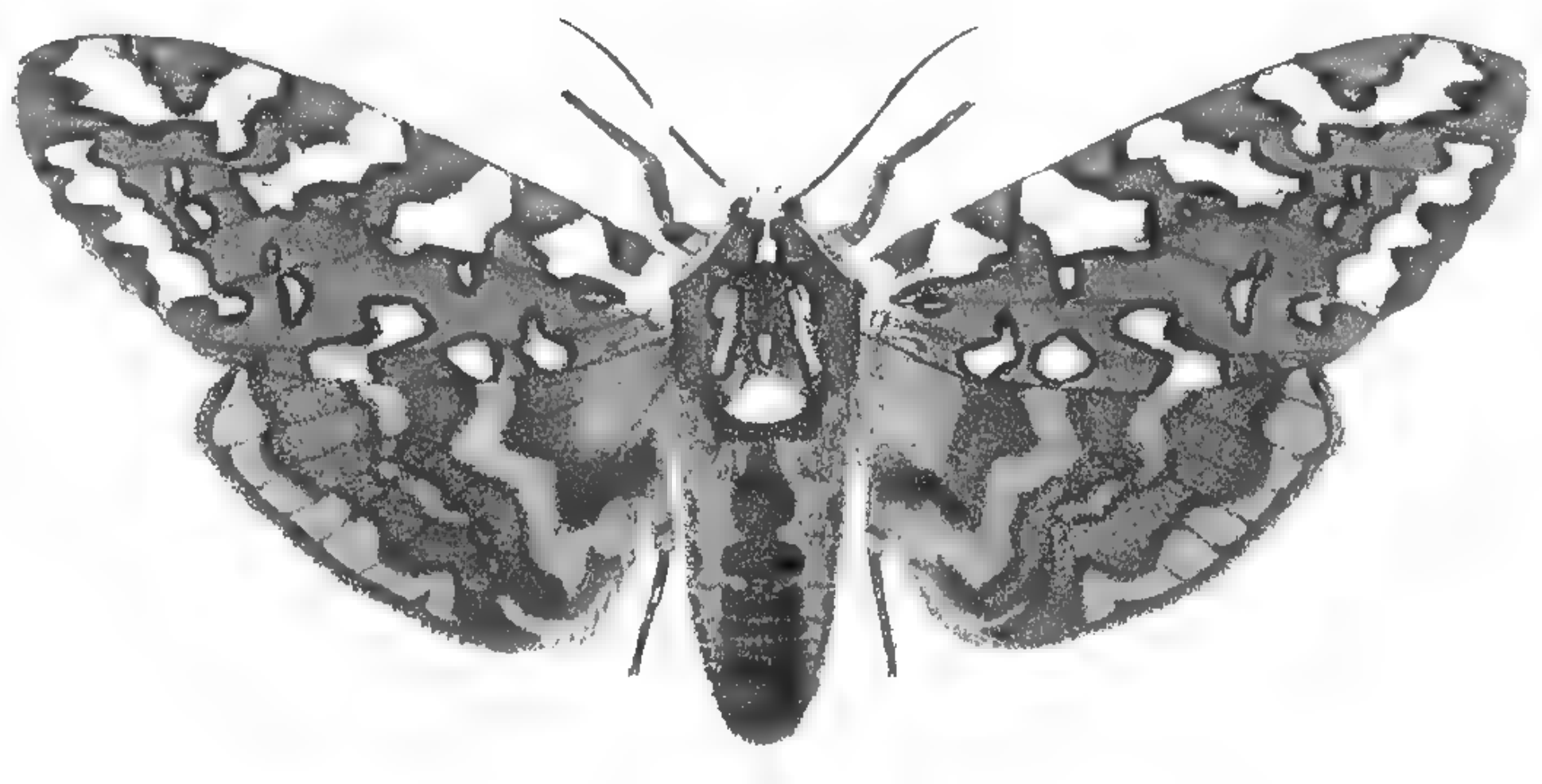

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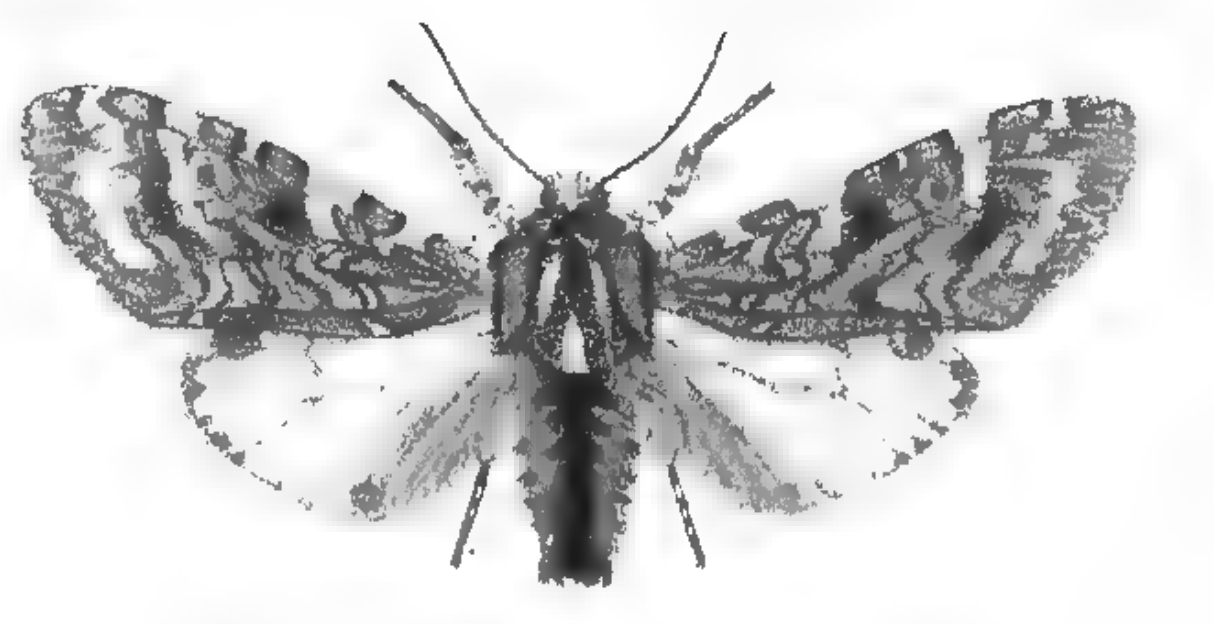

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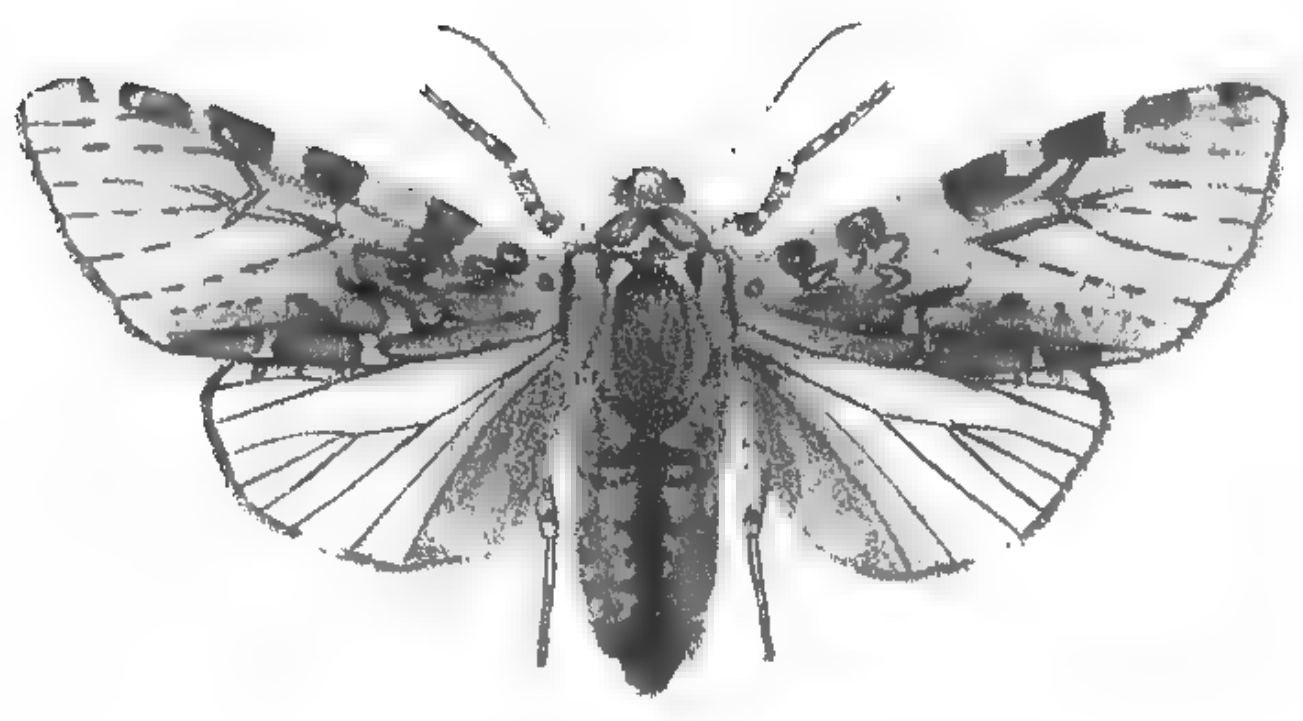

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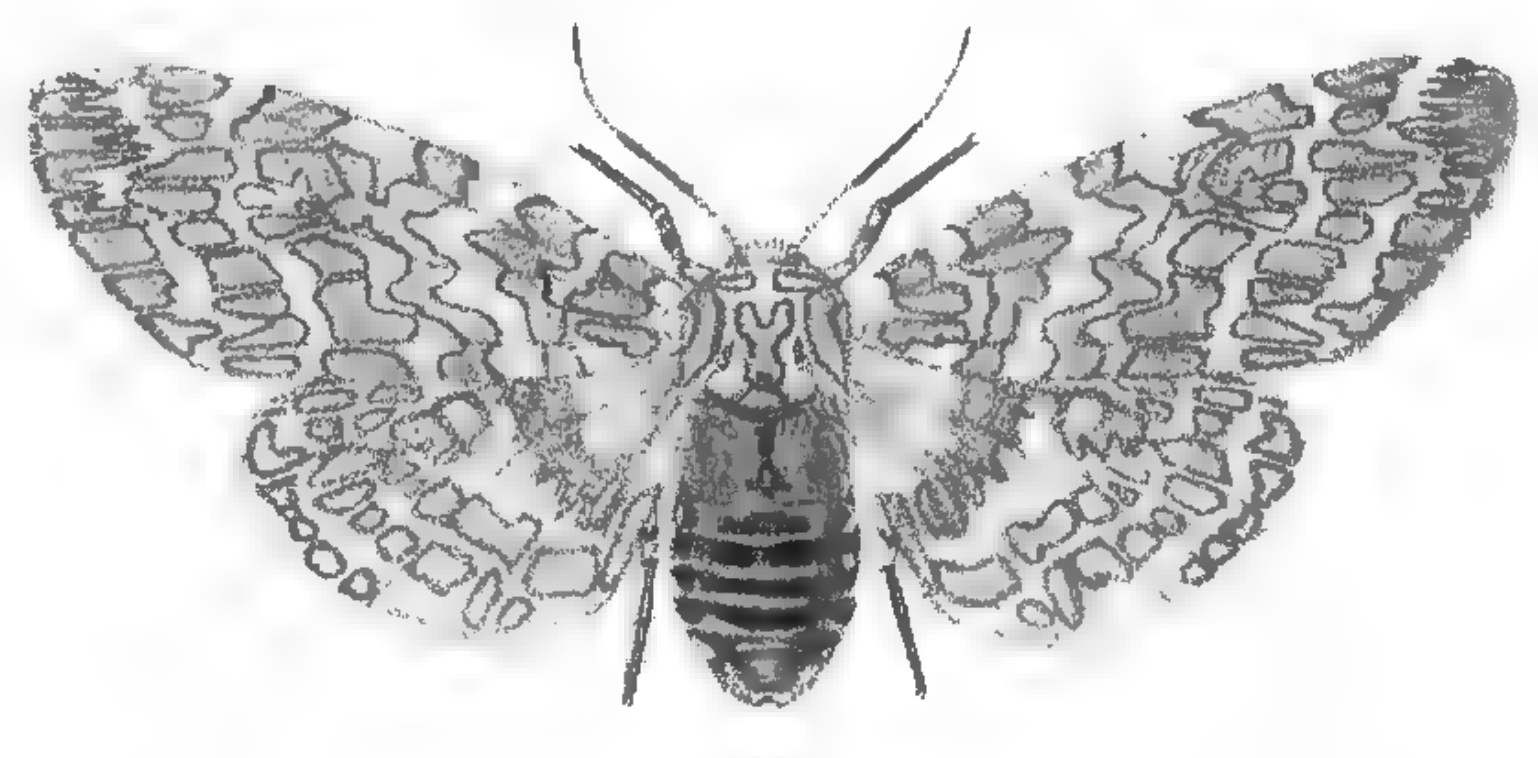

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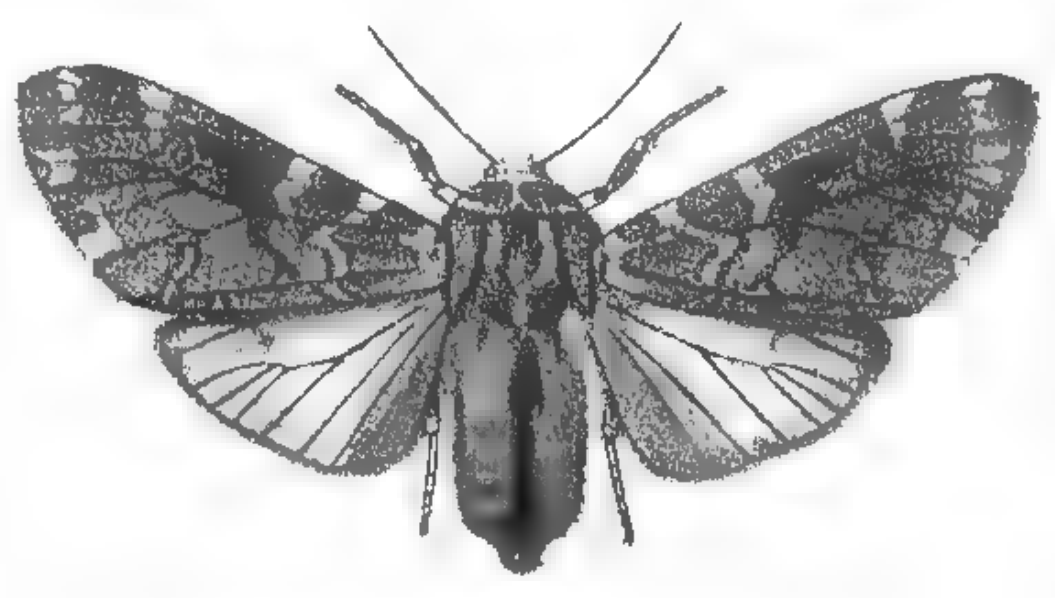

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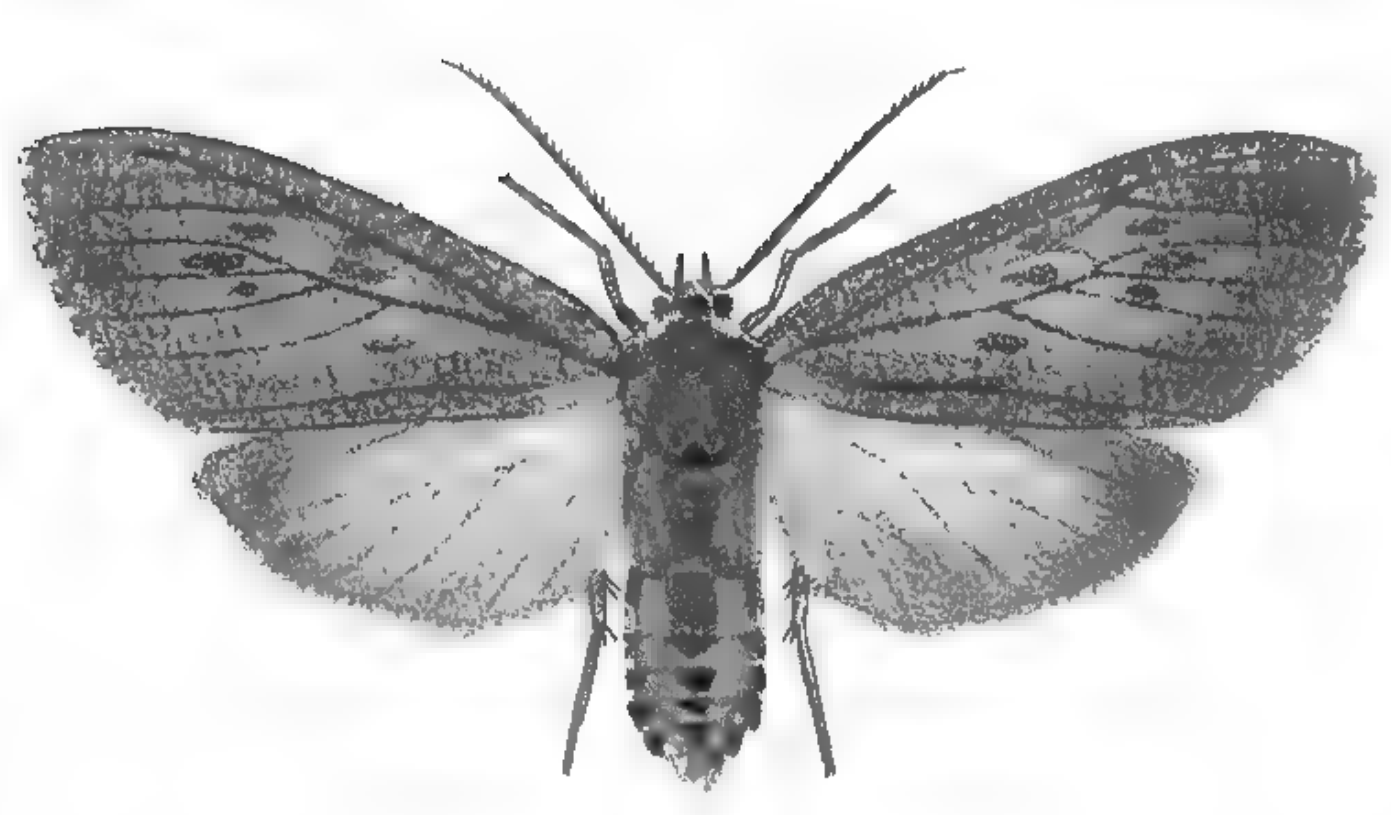

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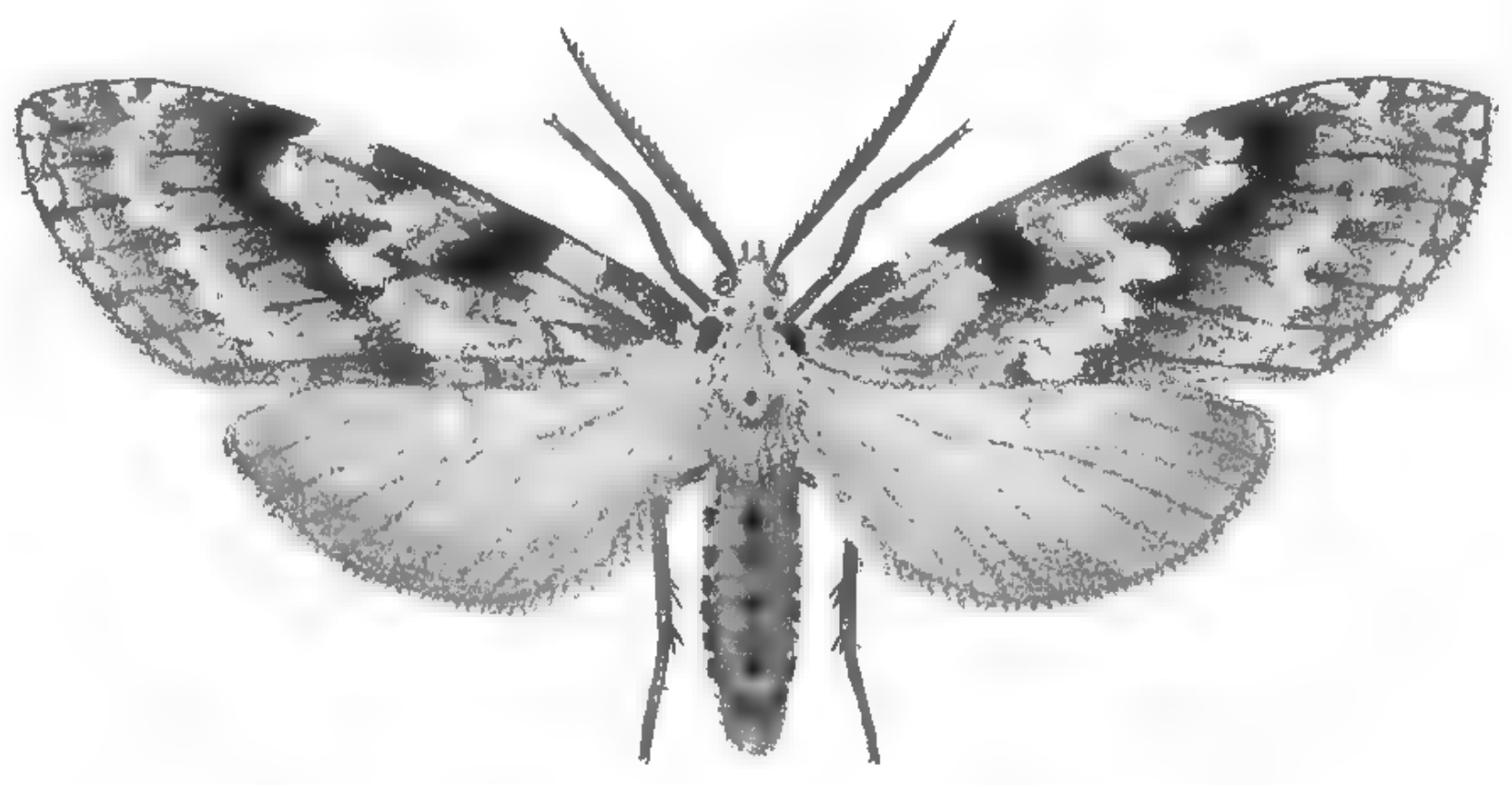

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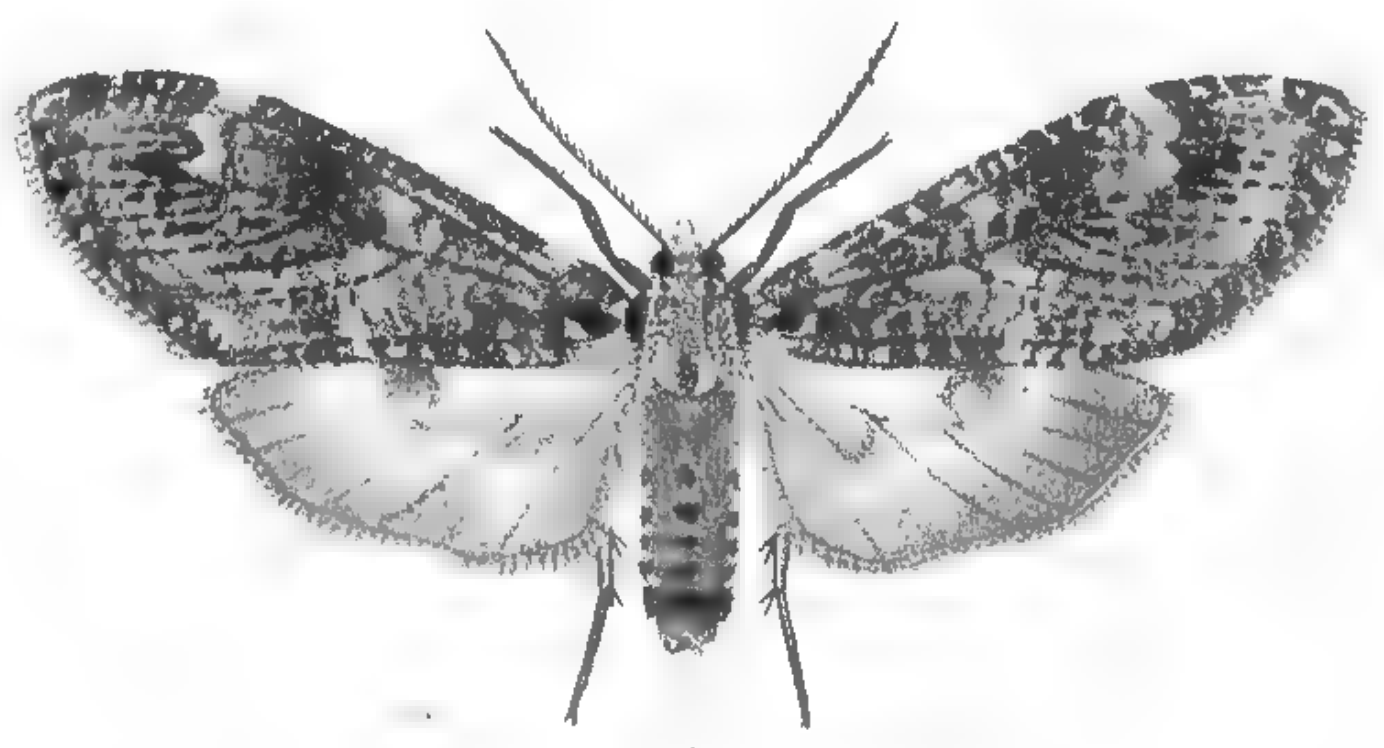

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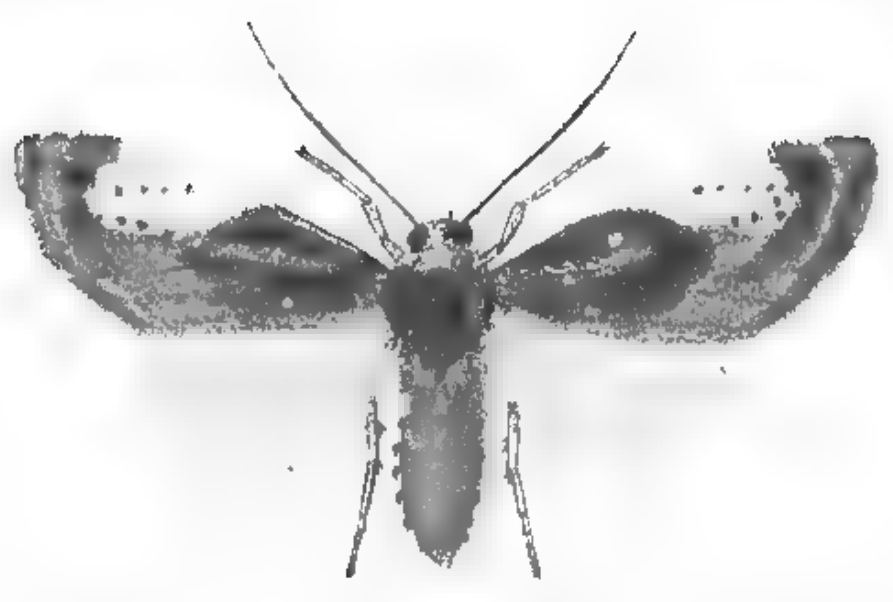

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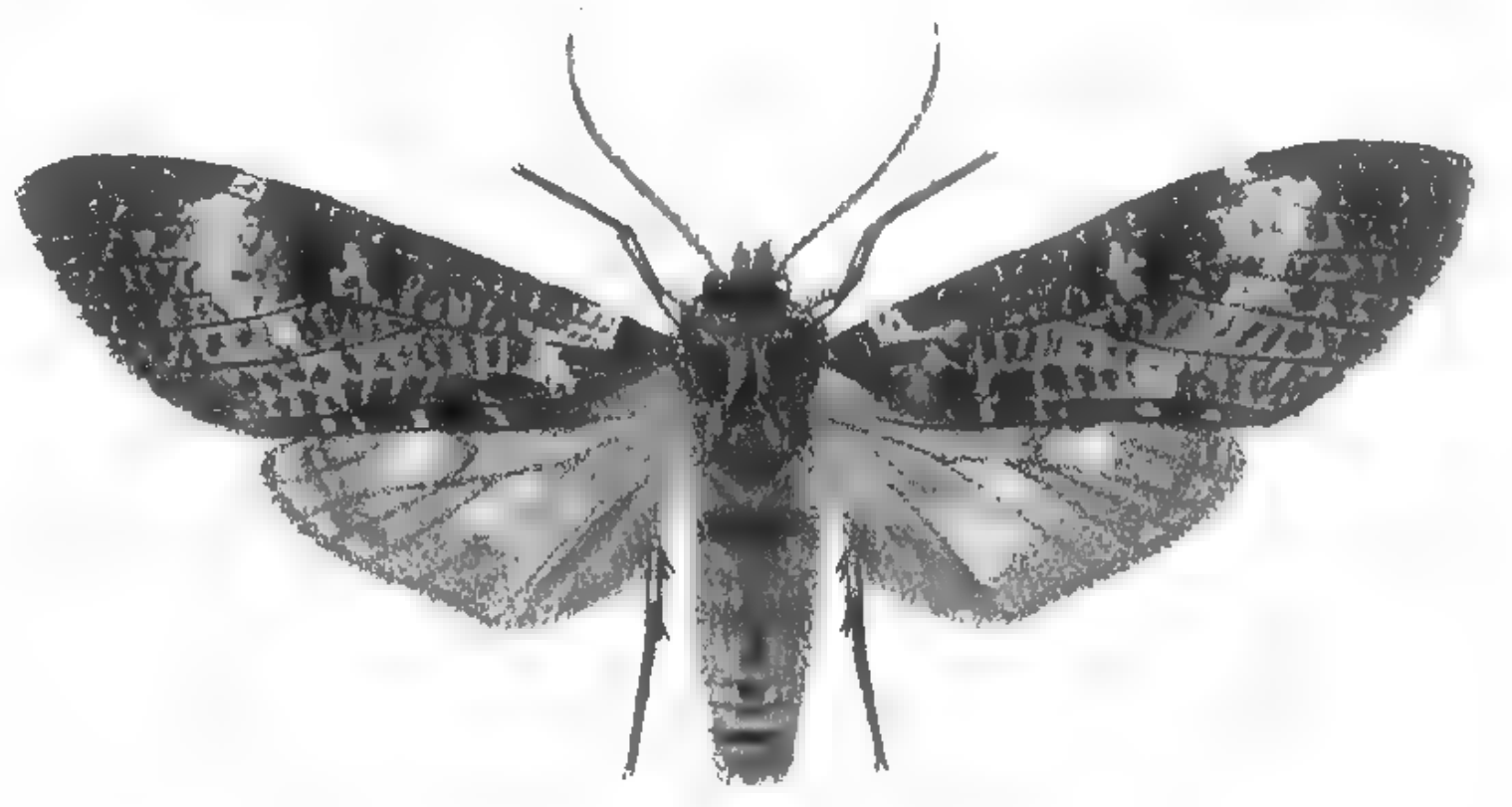

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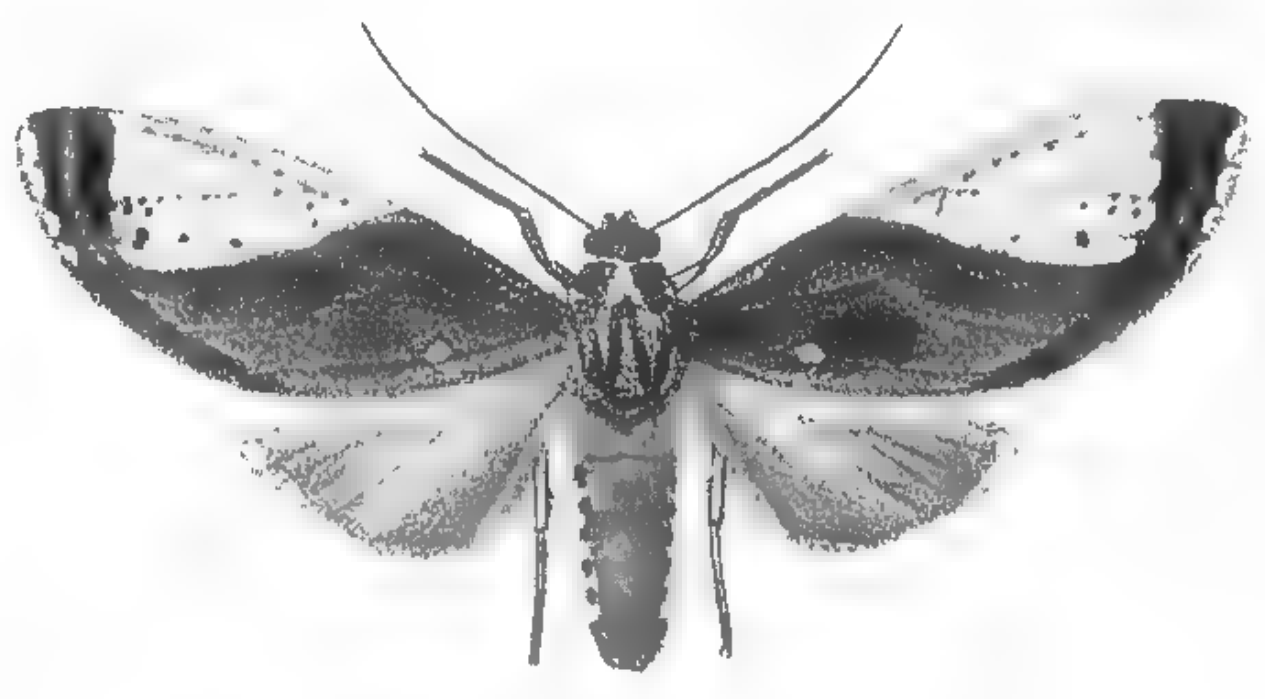

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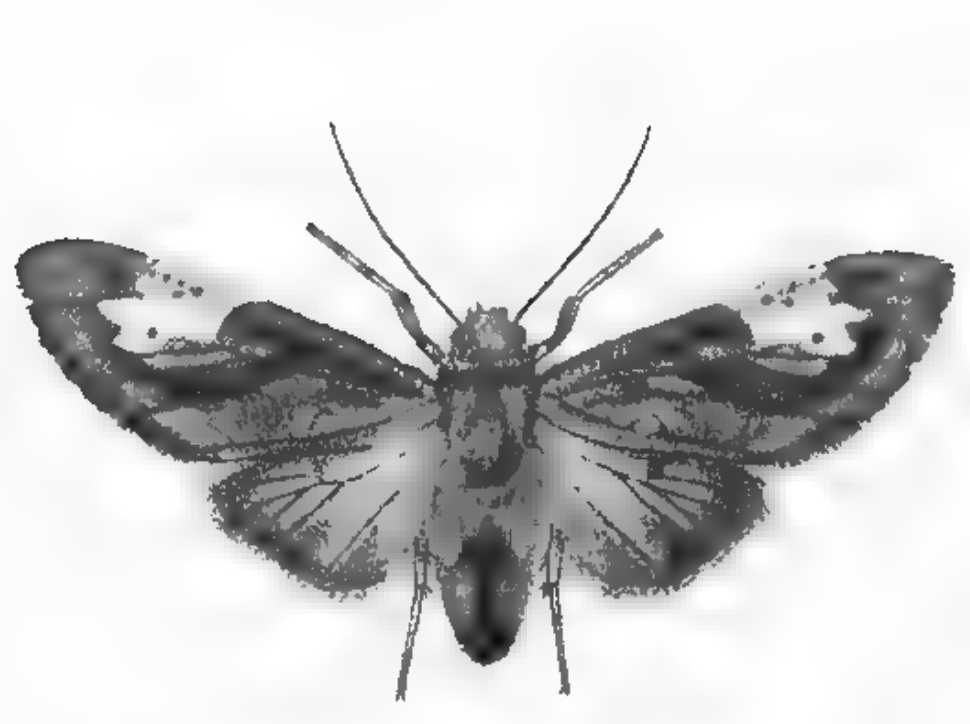

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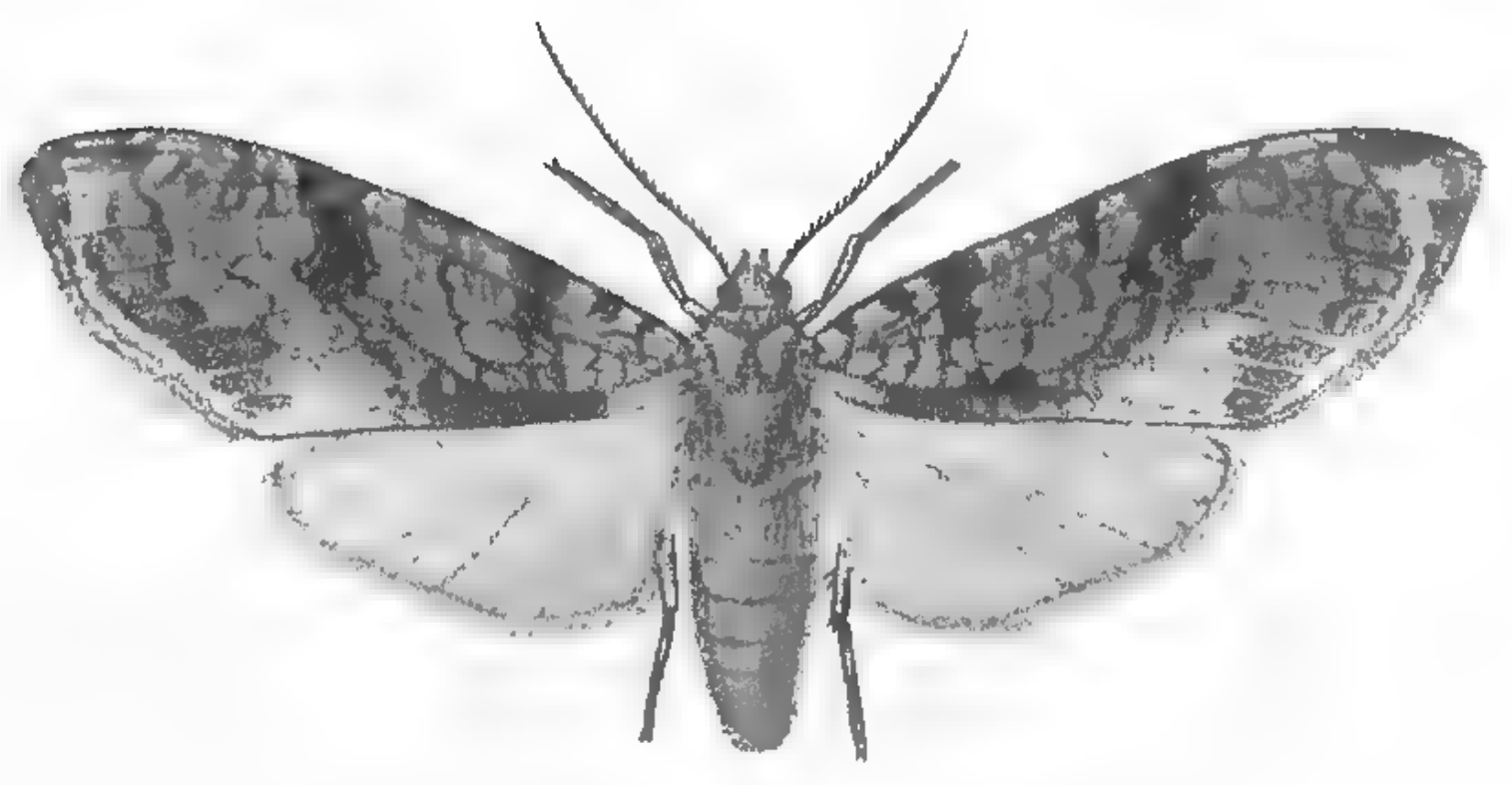

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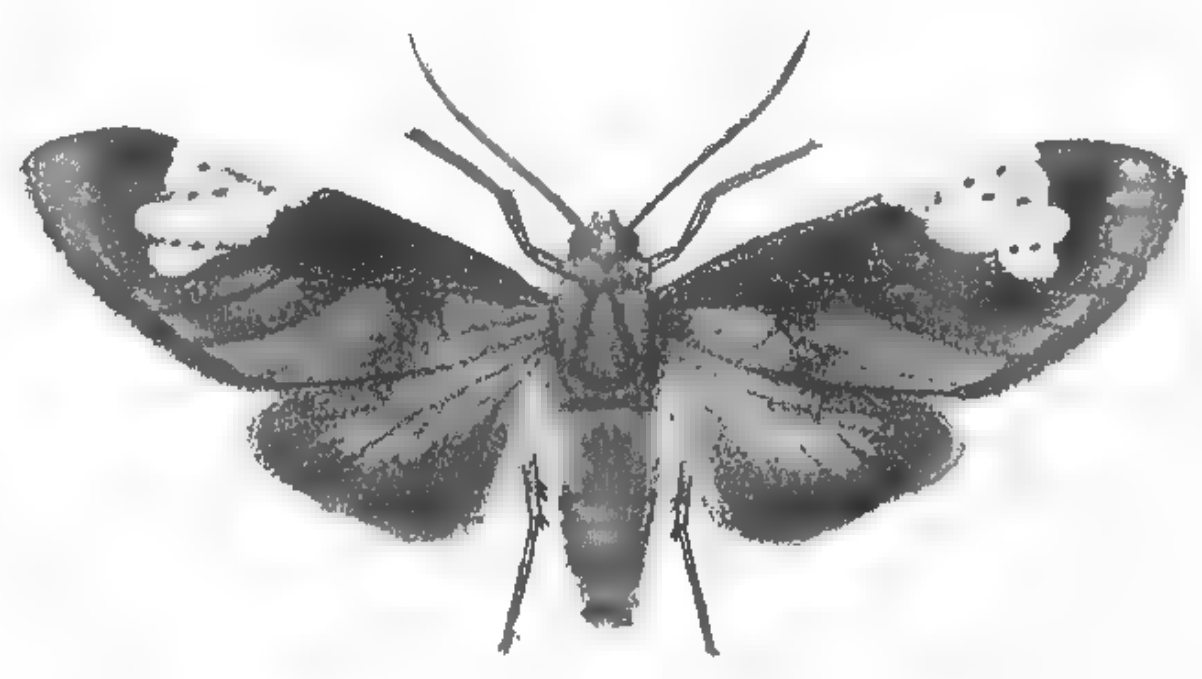
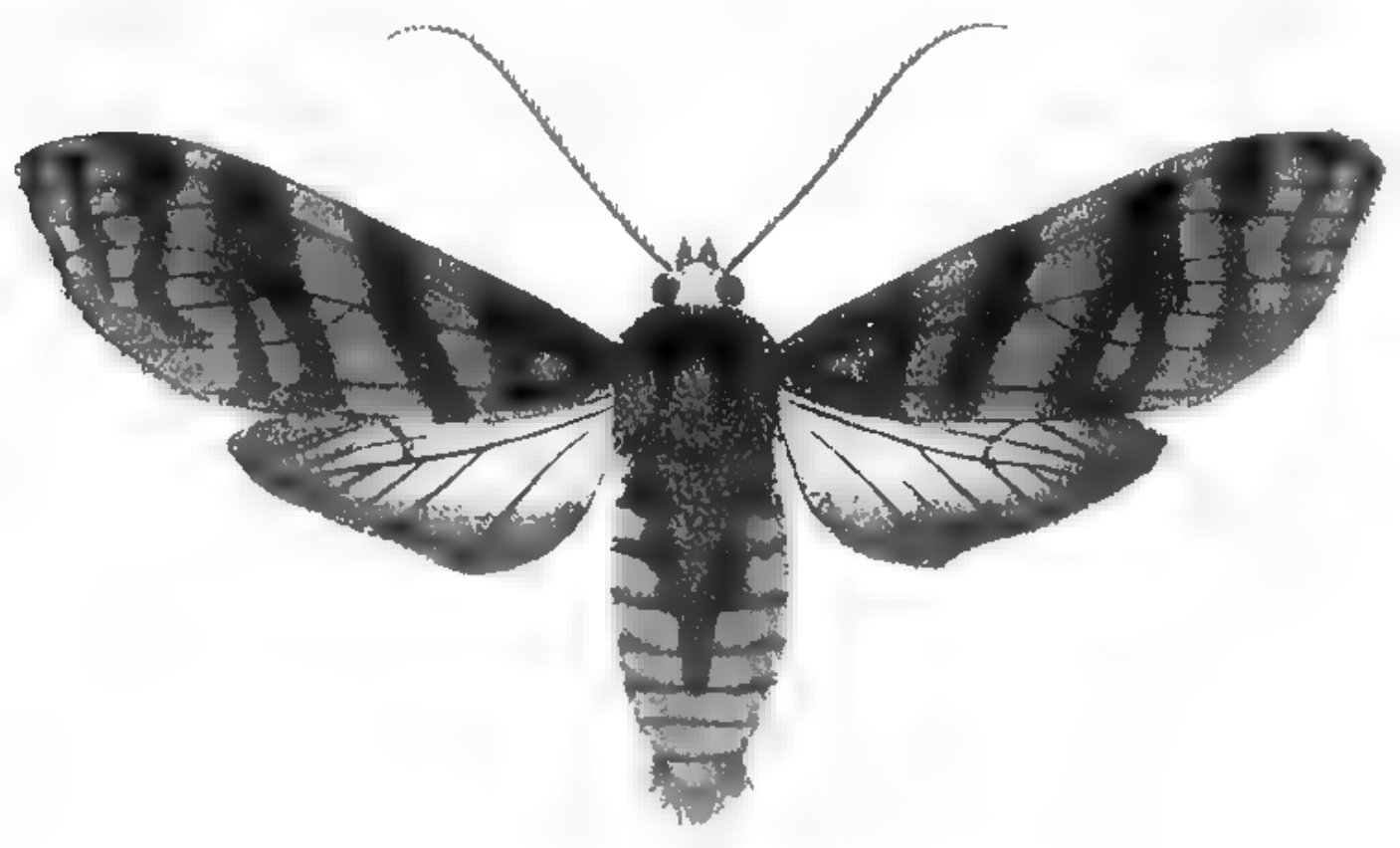
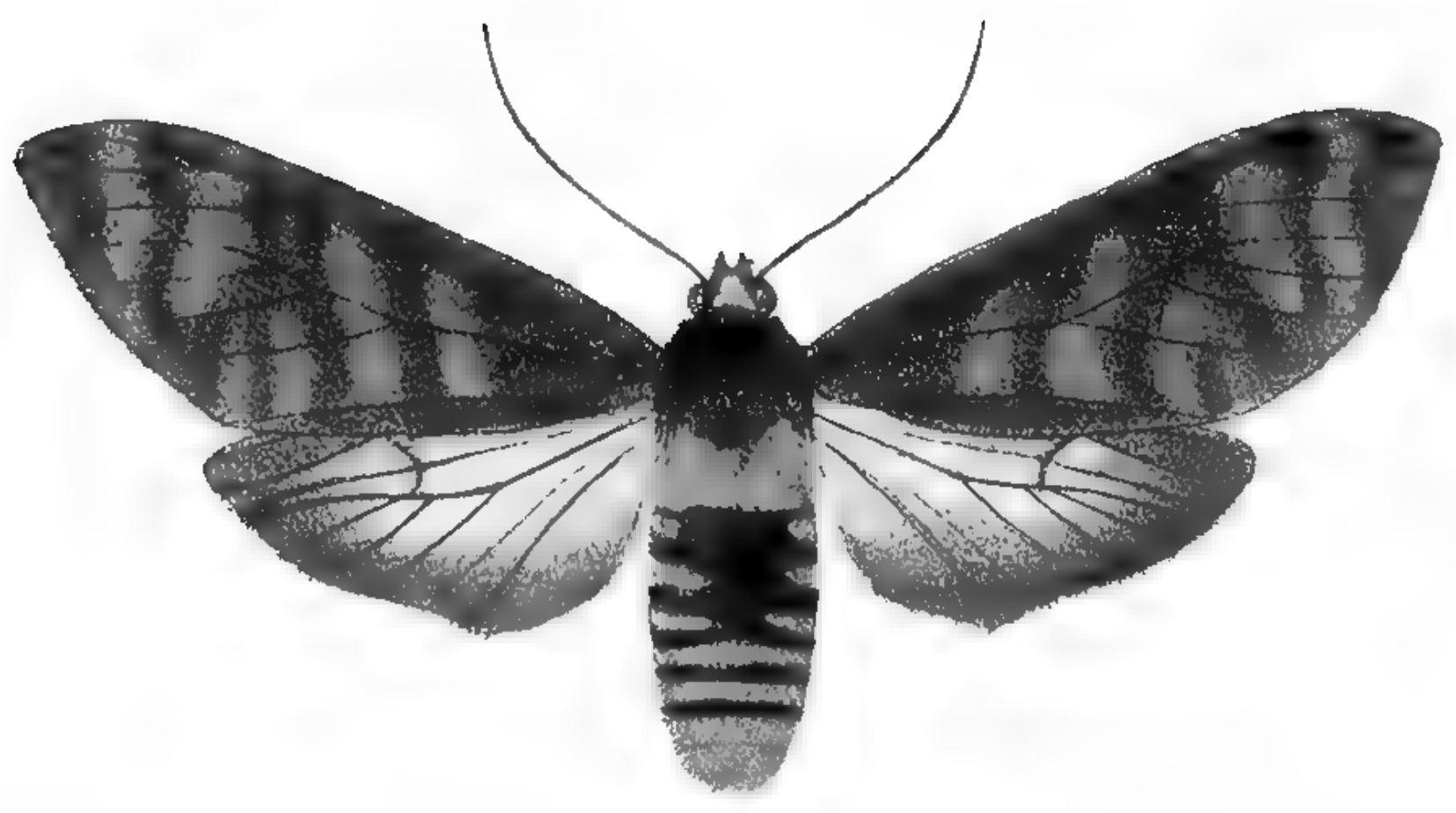


21

1♀ ECPANTHERIA TREBULA.
2♂,3♀ ARACHNIS POMPEIA.
4 » AMULAENSIS.
5♂ » ZUNI.
6♀ » TENEBRA.
7 » CONFUSA.
8♀ » ZUNI.
9♂ ARACHNIS PEROTENSIS.
10 » MISHMA.
11♀ » SUFFUSA.
12 » MARTINA.
13 CARALES EUCHÆTIFORMIS.
14♂ » DIVINA.
15 CARALES PHRYGANOIDES.
16♂ BERTHOLDIA ALBIPUNCTA.
17 CARALES UTICA.
18♀ BERTHOLDIA ALBIPUNCTA.
19♂ » PHILOTERA.
20 GRAPHEA MARMOREA.
21♀ BERTHOLDIA PHILOTERA.

W. Purkiss lith.
Hanhart imp.
683.





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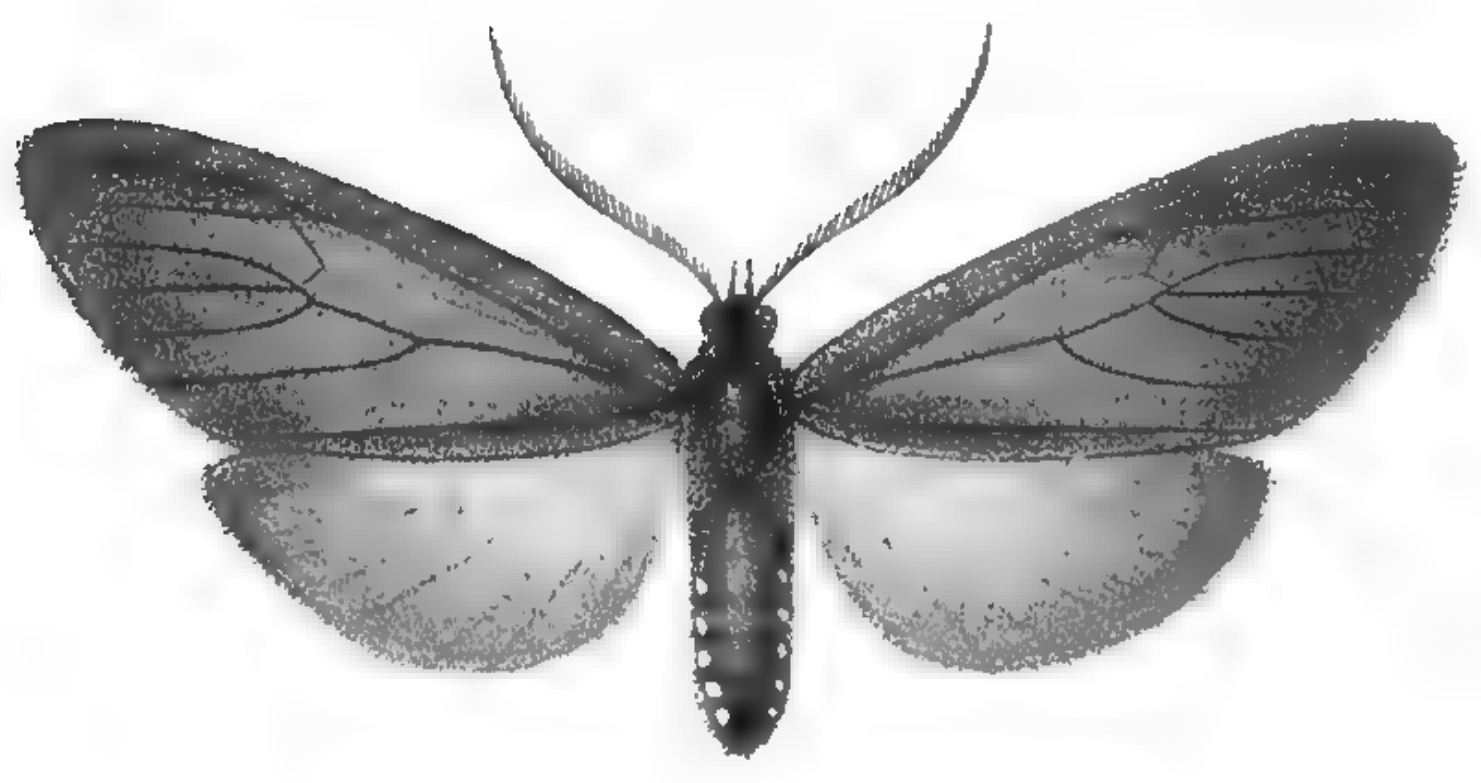

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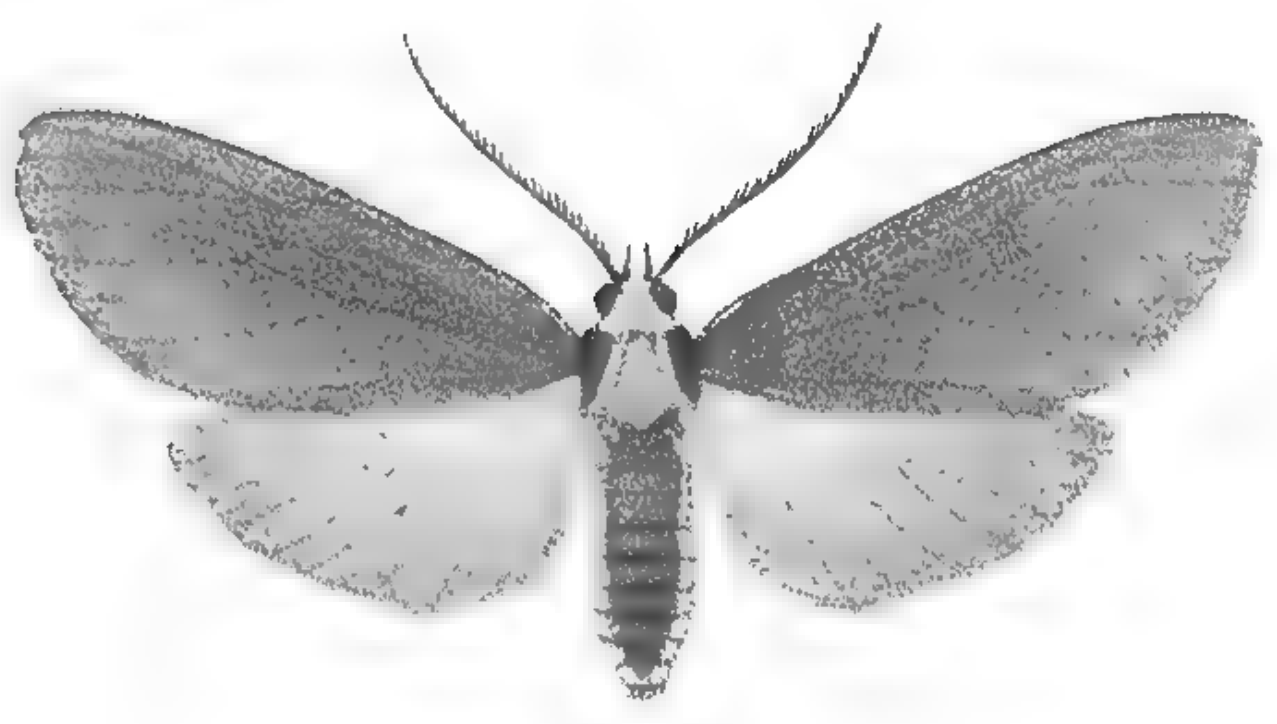

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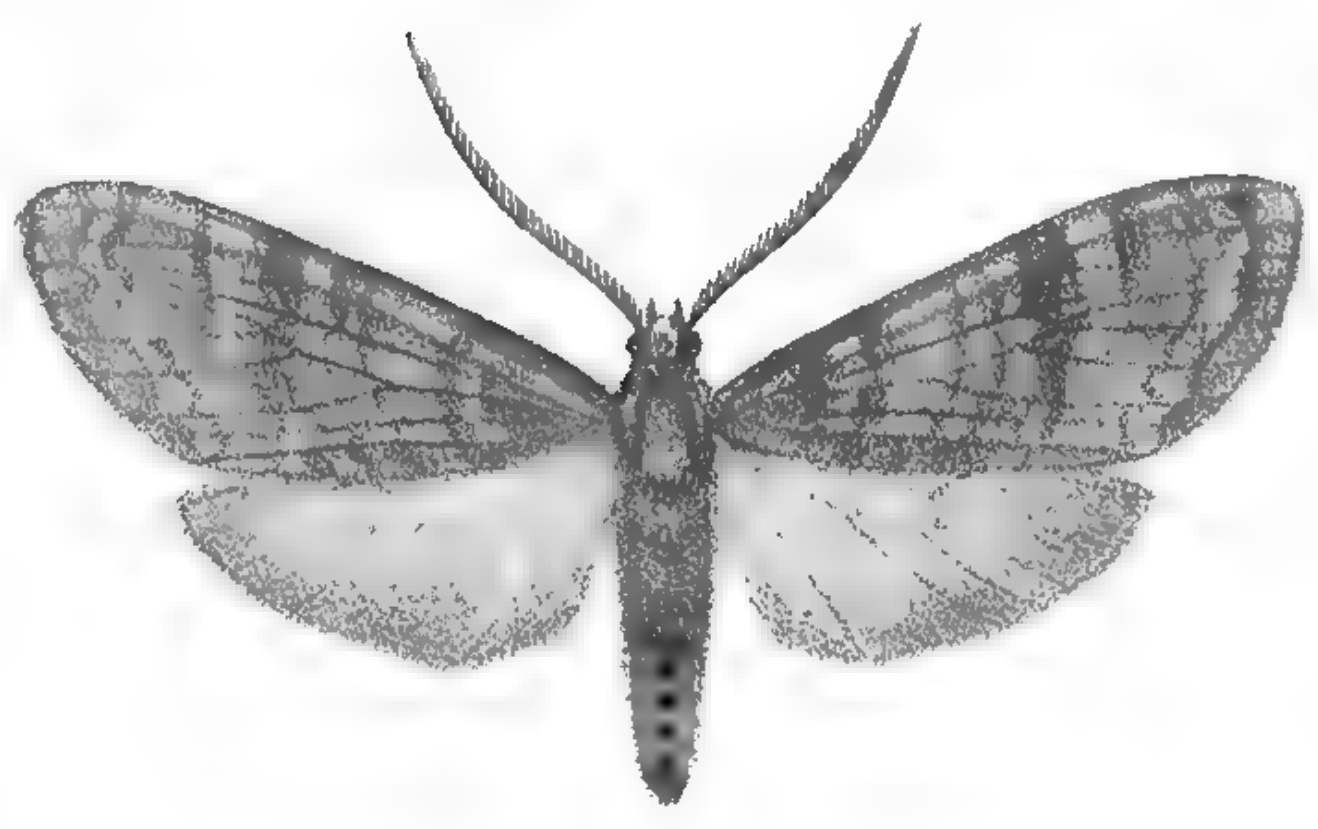

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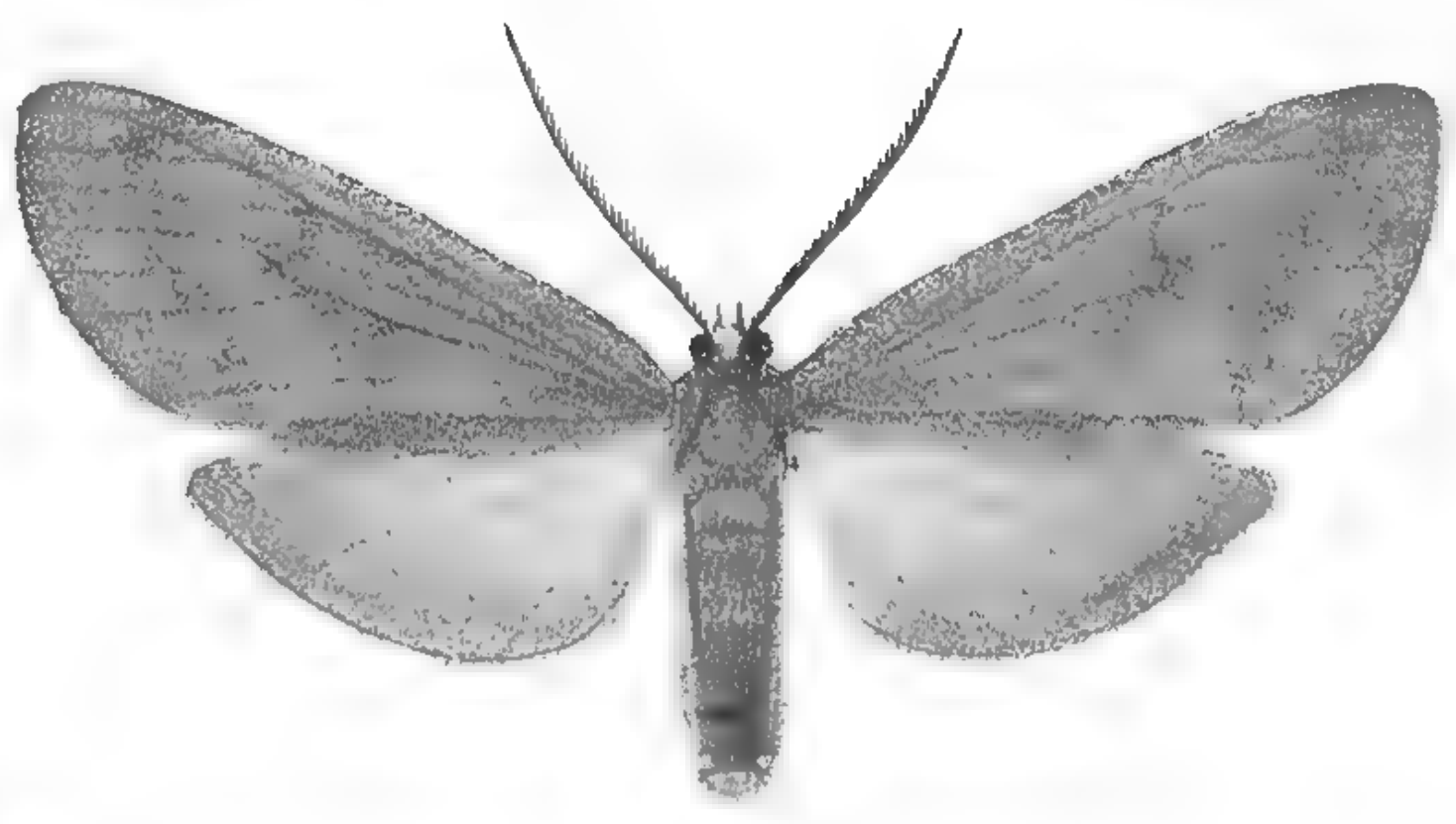

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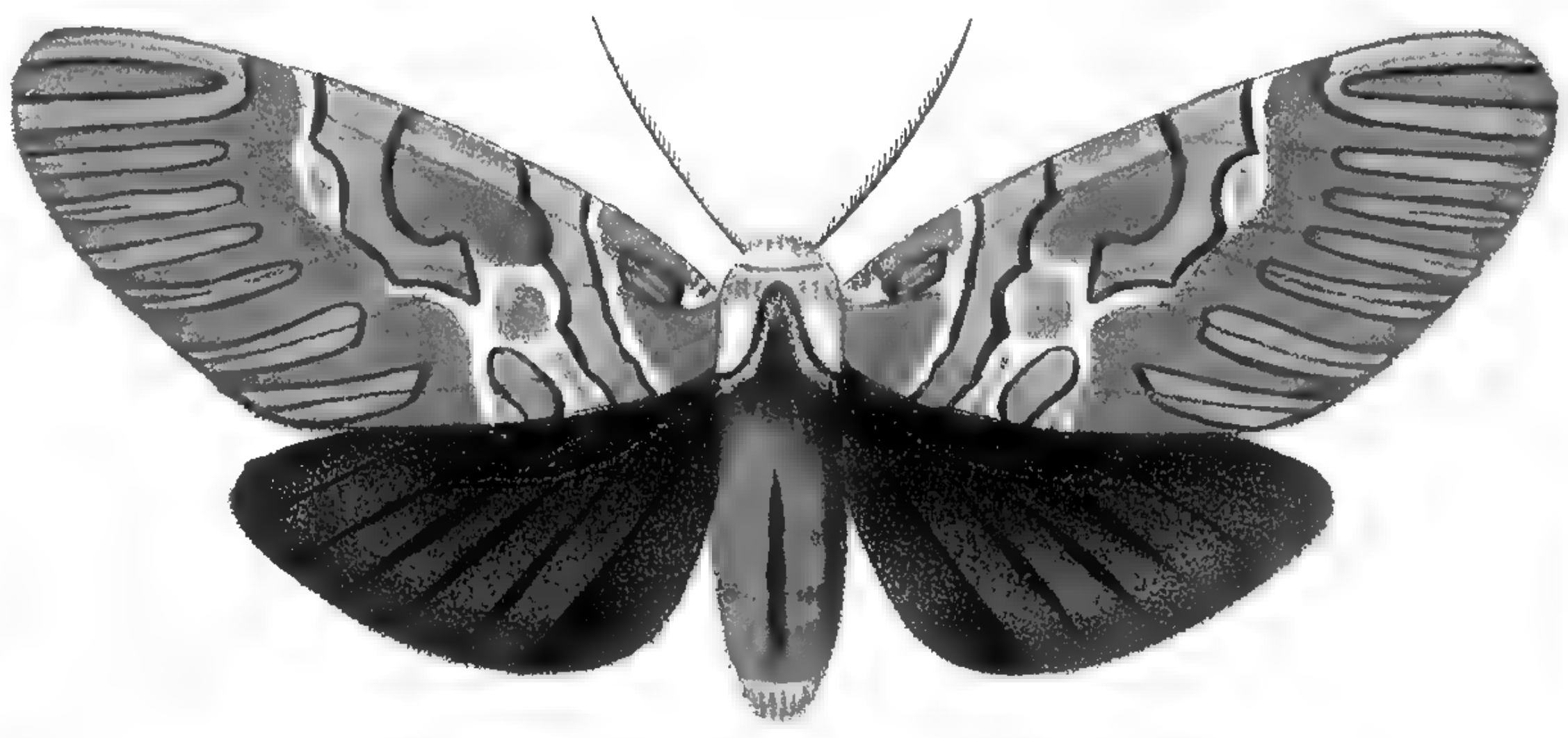

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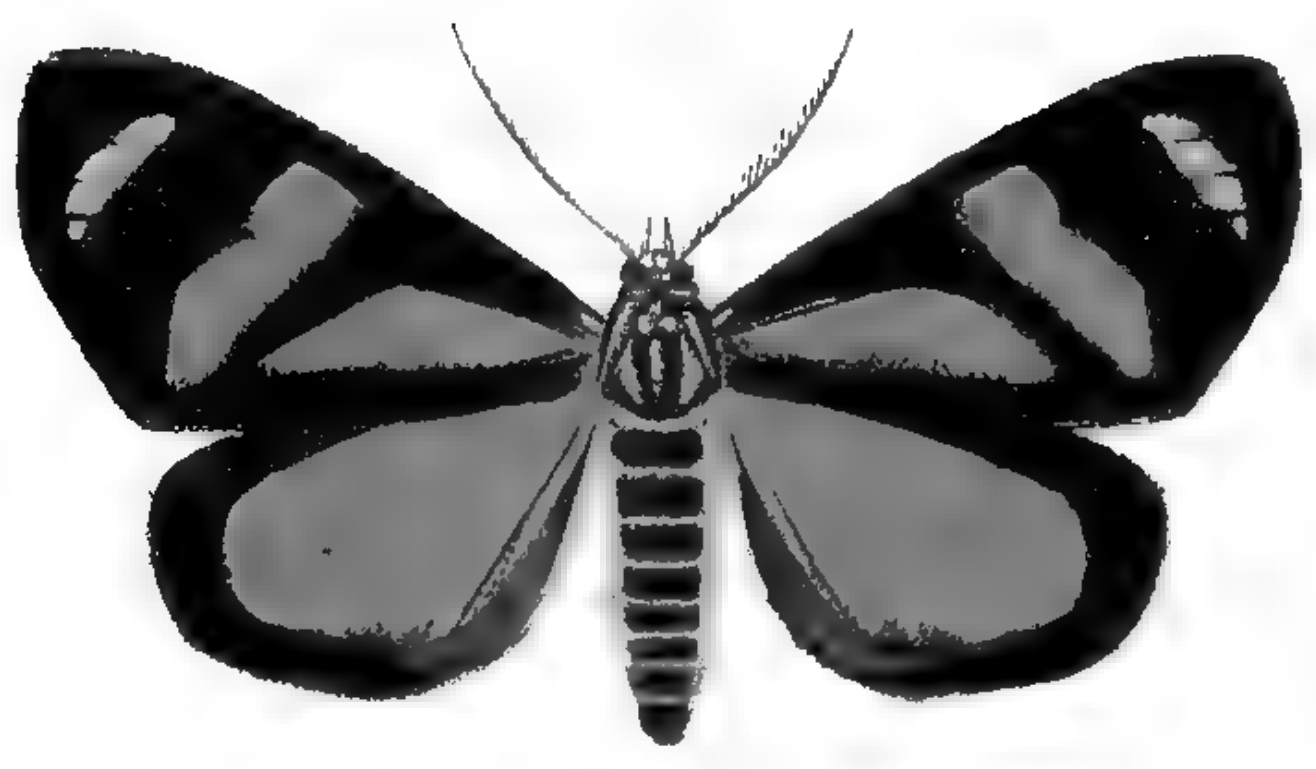

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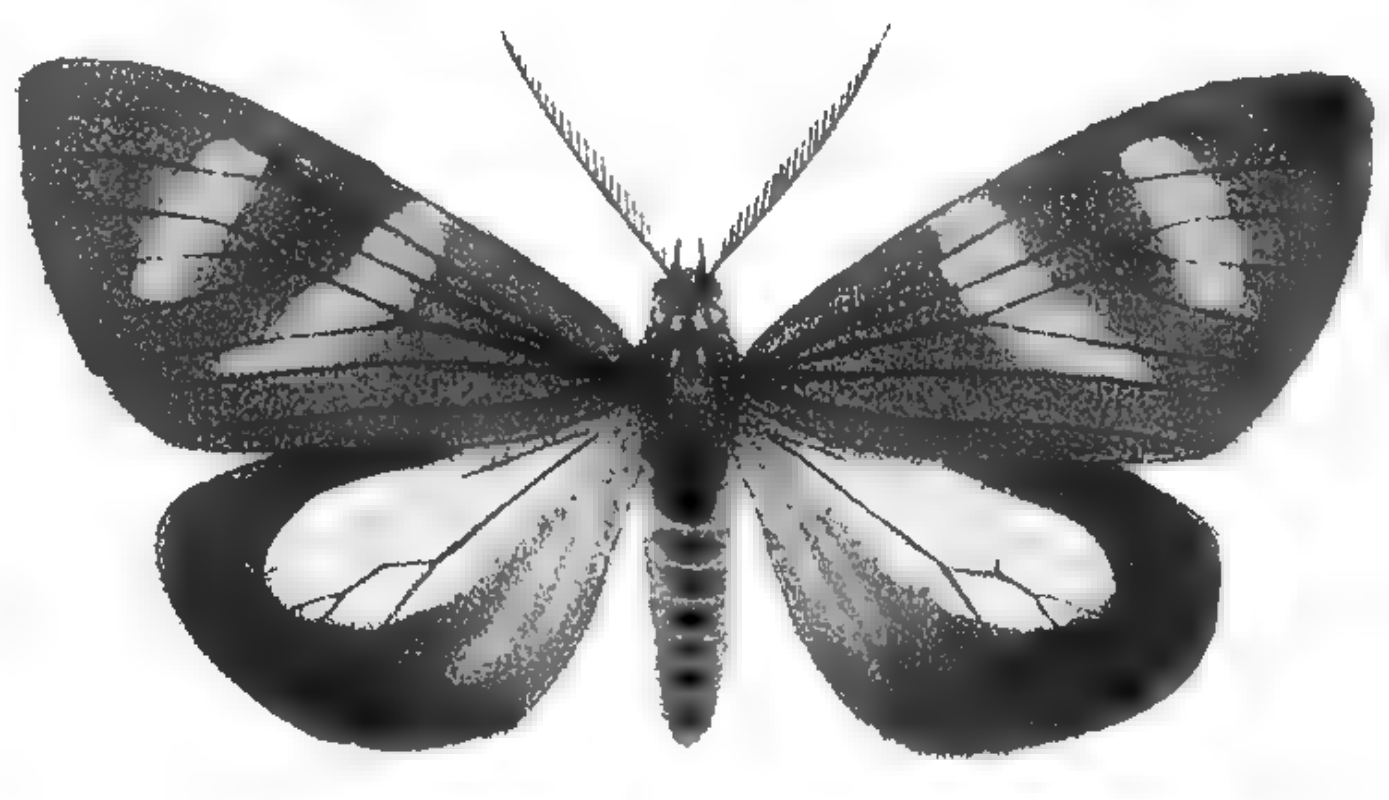

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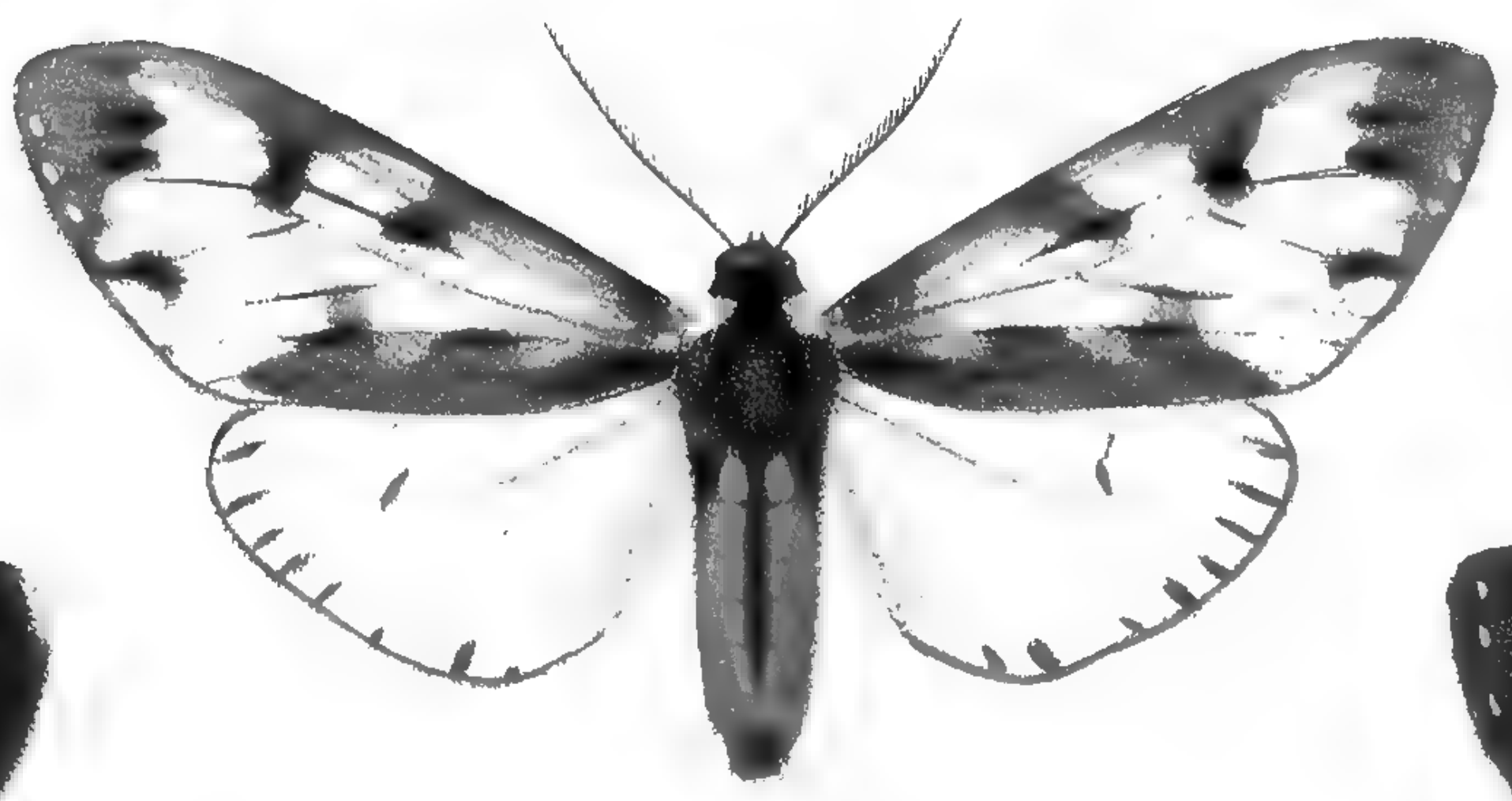

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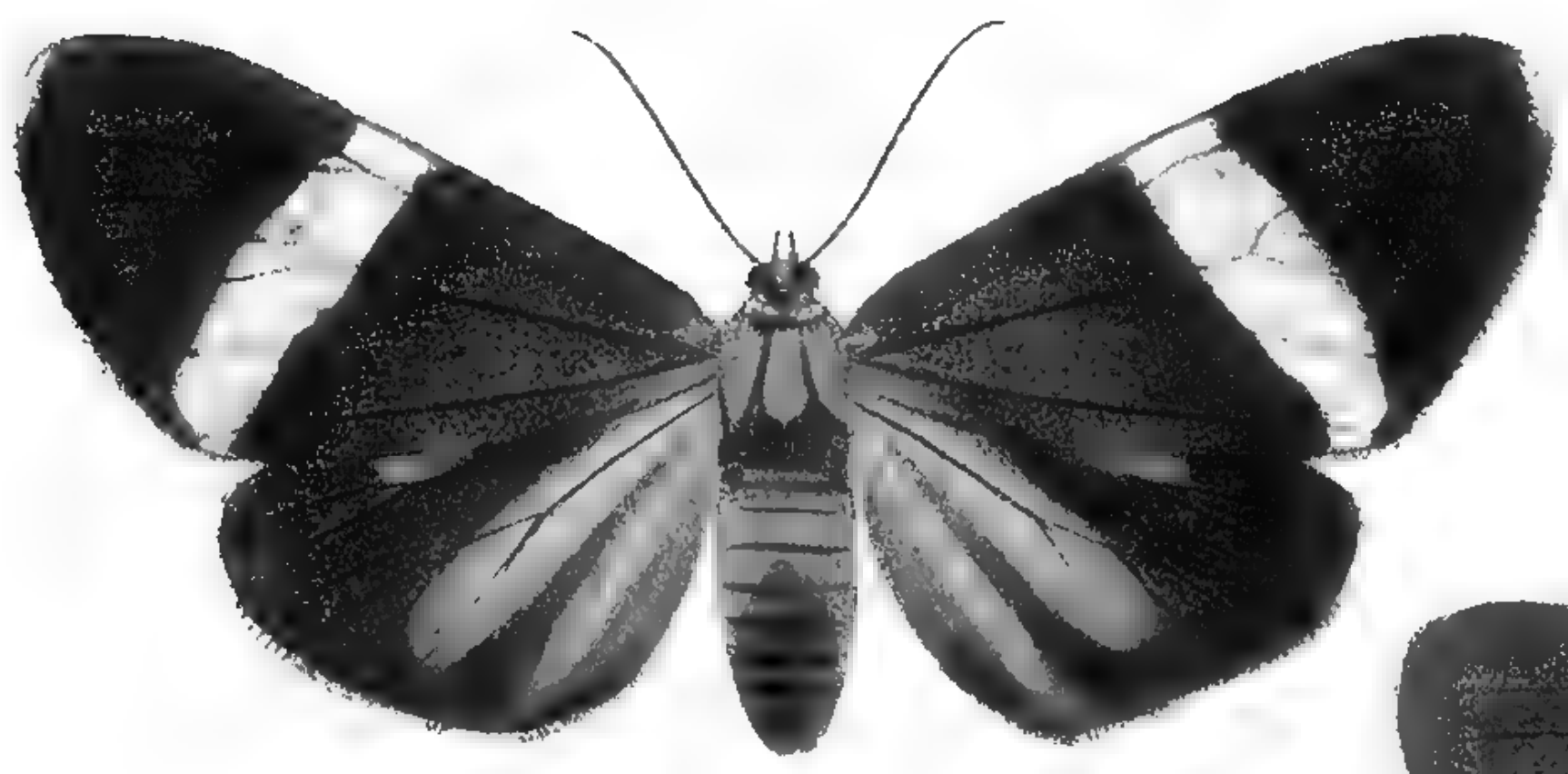

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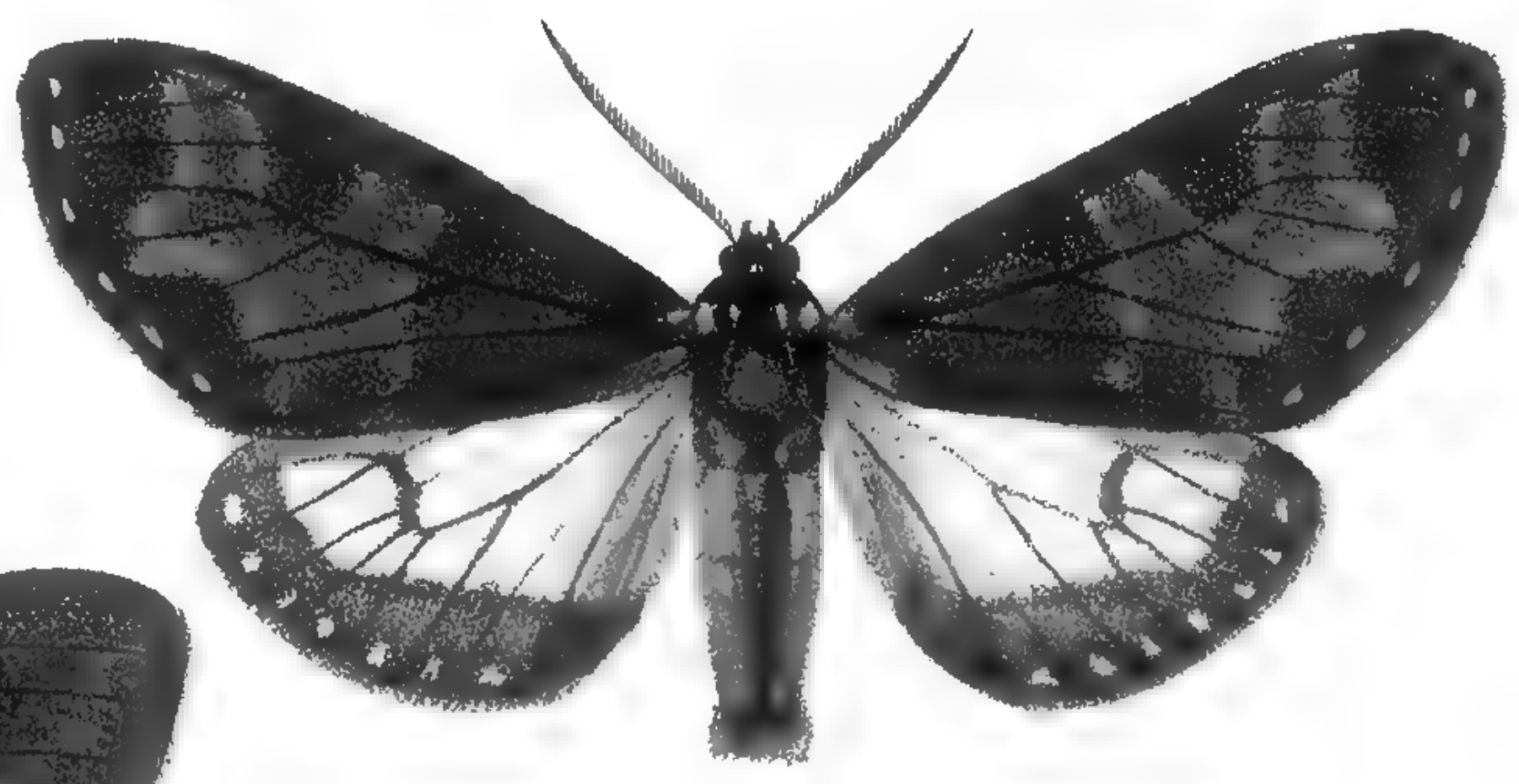

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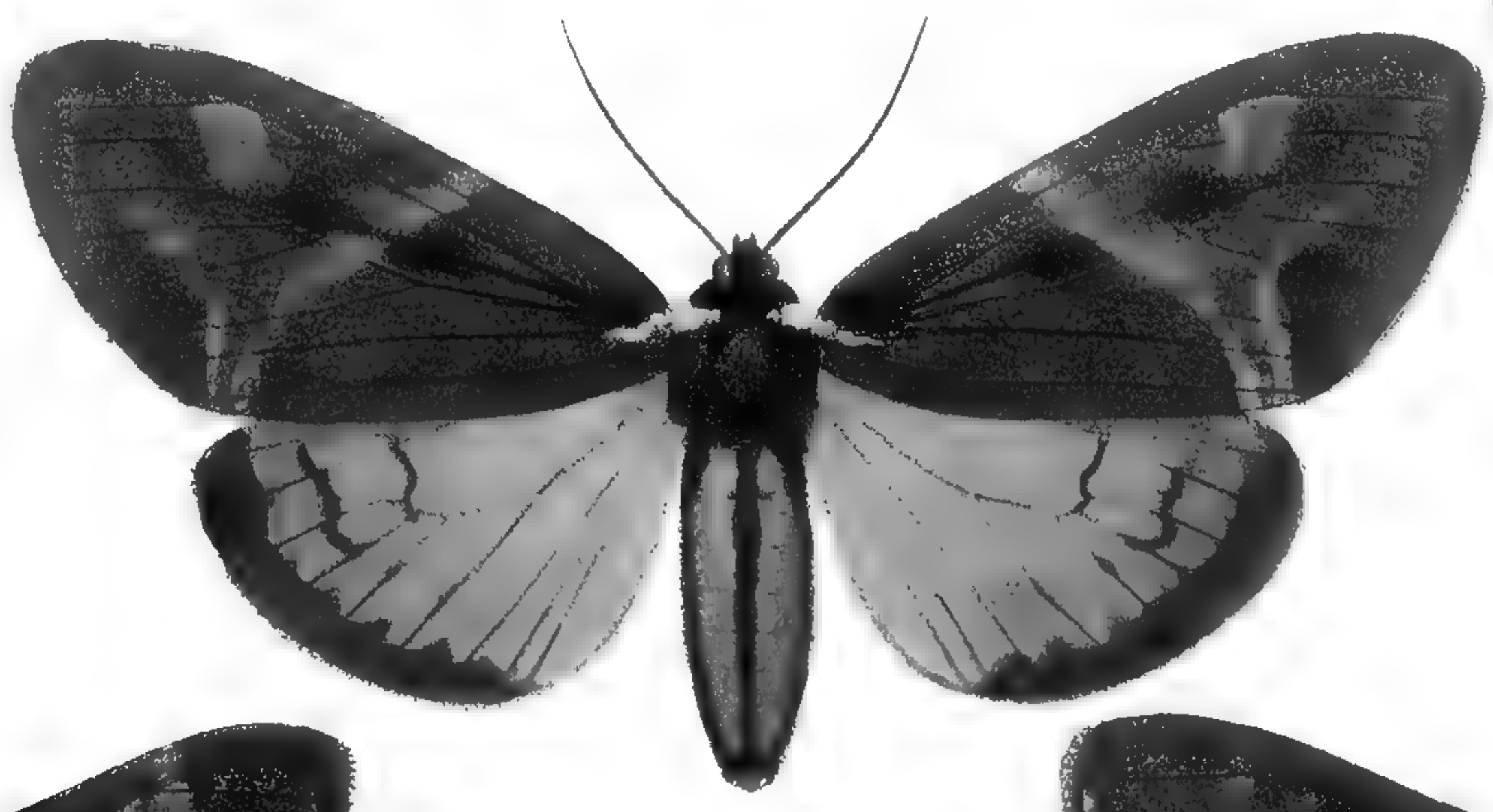

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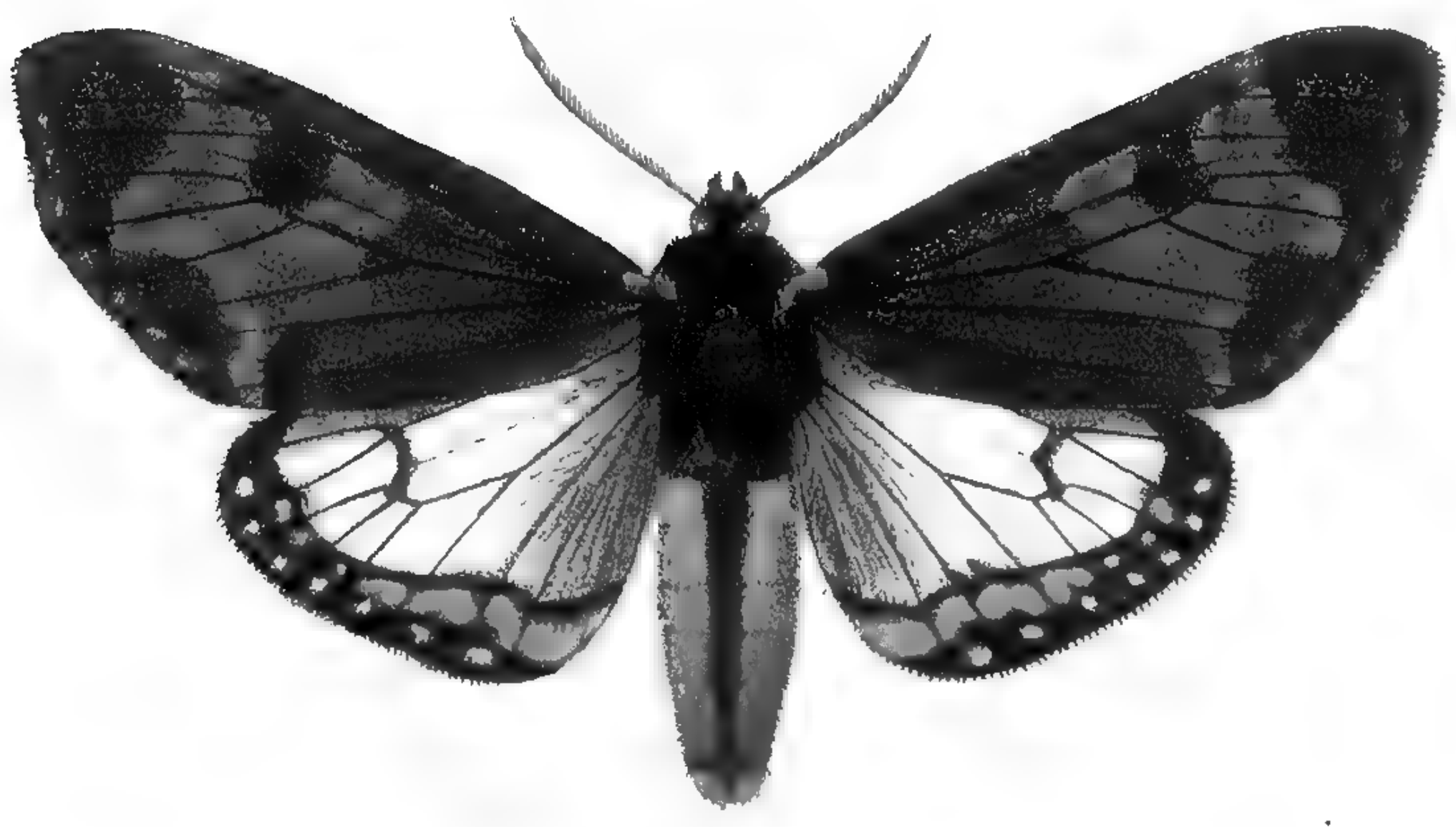

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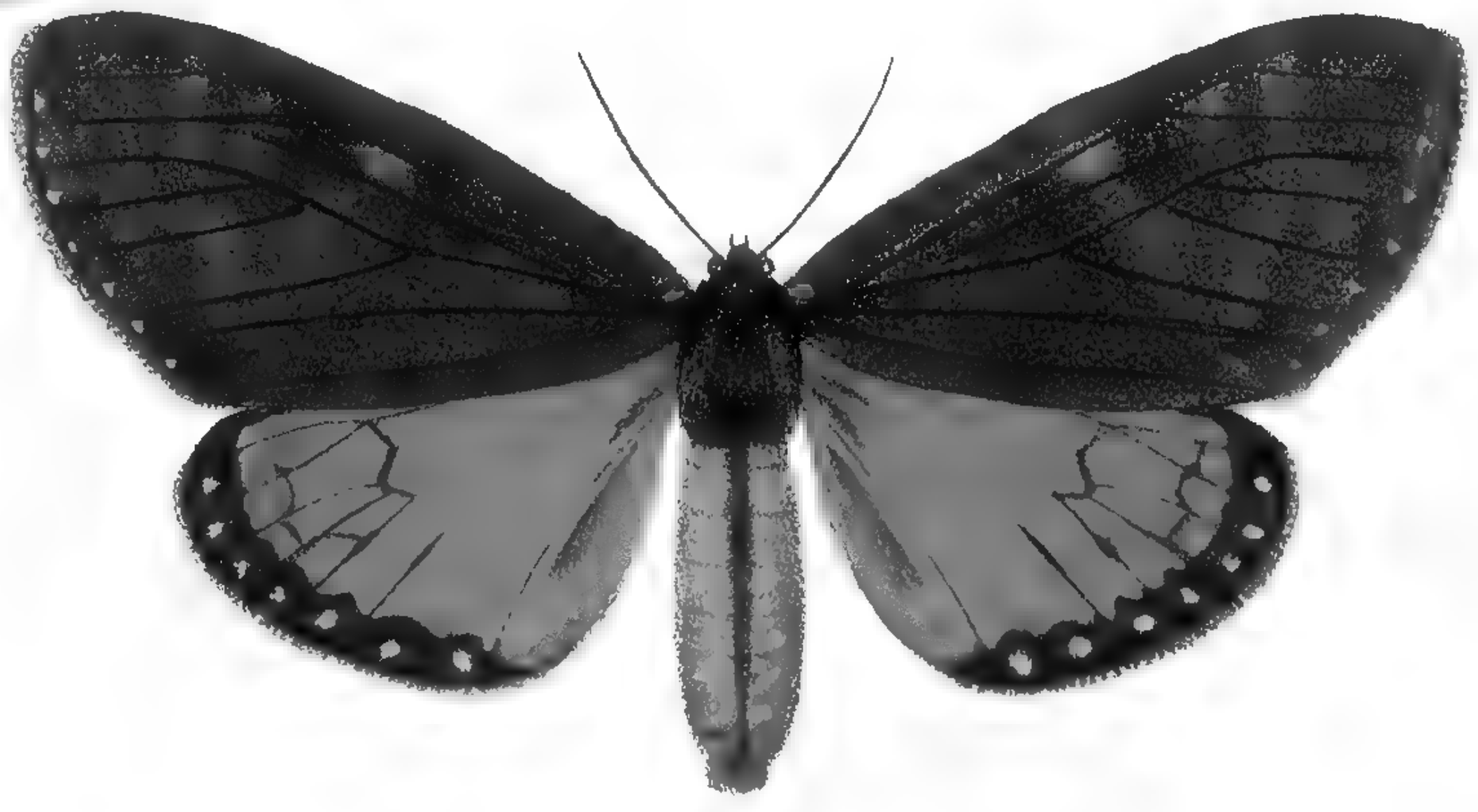


15

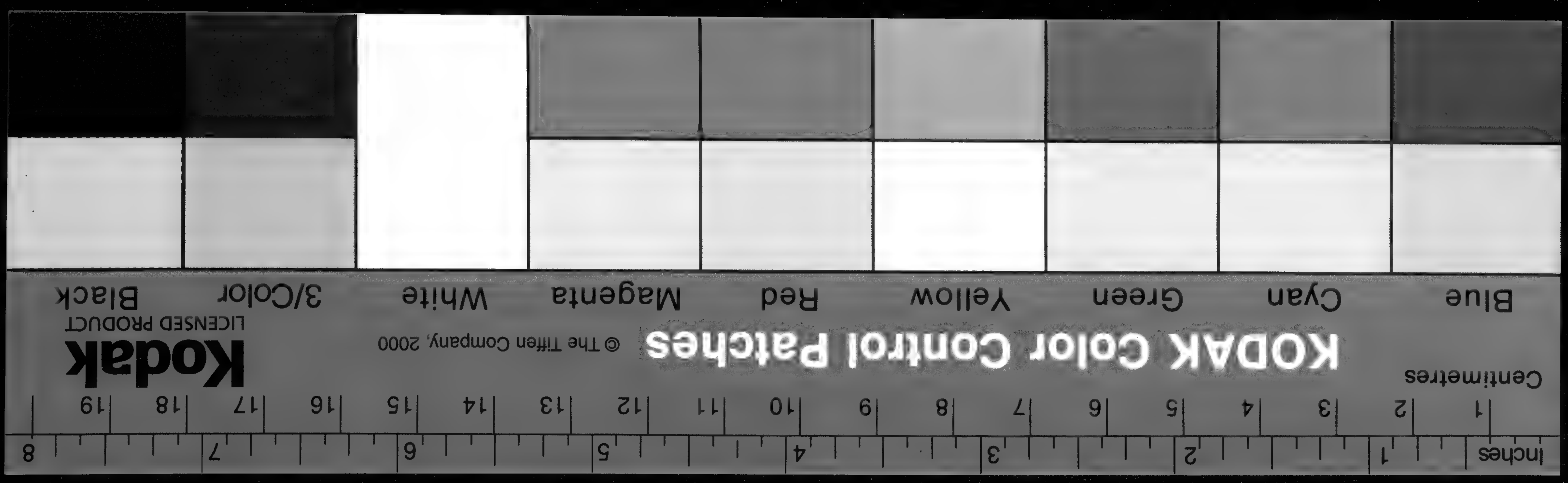
♂, 2♀ PSEUDAPISTOSIA SADUCA.
3 OPHARUS TRISTIS.
4 " LINUS.
" BELUS.

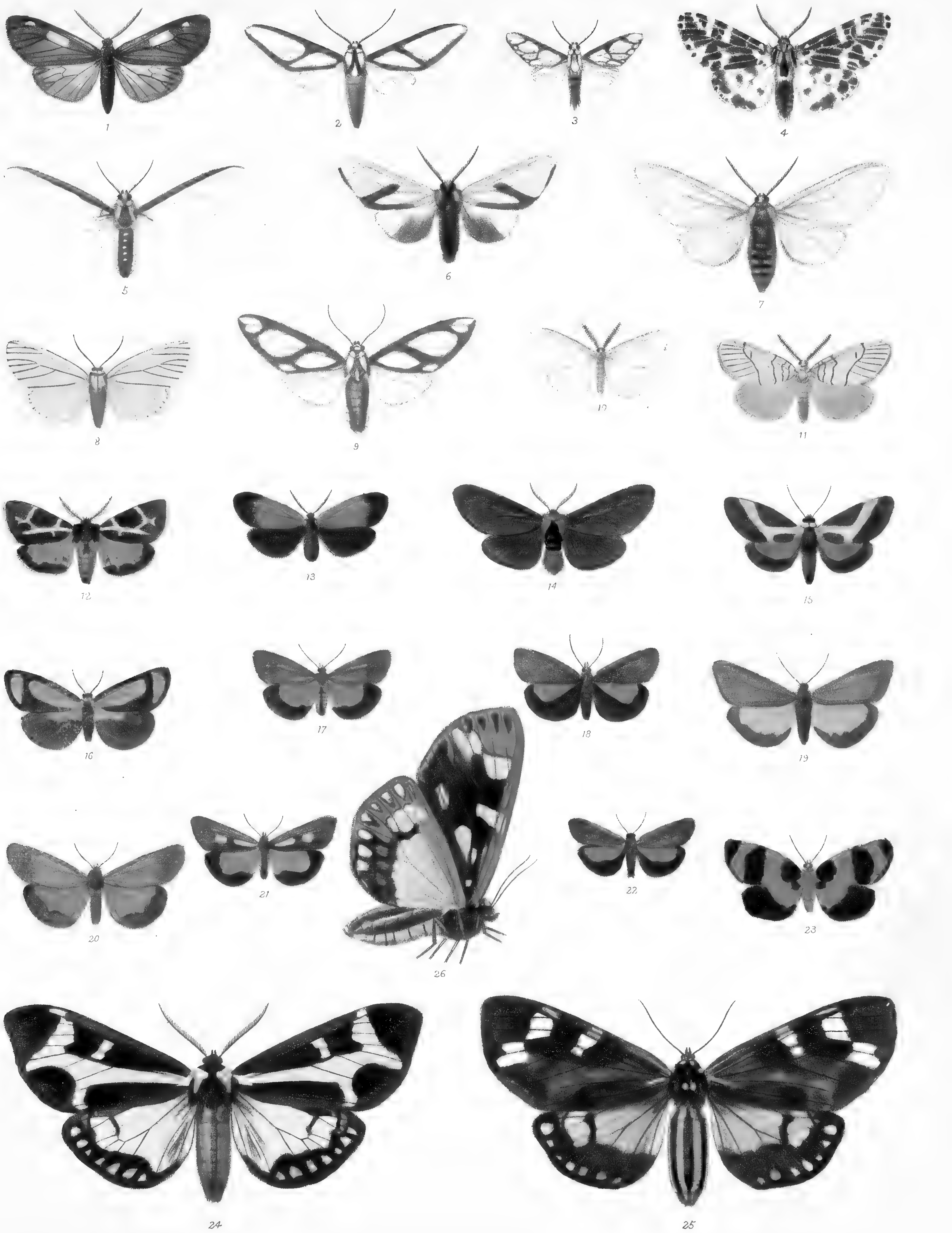
6 OPHARUS JACCA.
7♂ PHALÖE CEREALIA.
8 ANAXITA DRUCEI.
9 PERICOPIS COTTA.

10♂, 11♀ PERICOPIS GAUMERI.
12♀ EUCYANE ~~ARCÆI~~.
13♂ PERICOPIS PRÆTIDES.
14♂, 15♀ " CYDON.

V. Purkiss lith.

Hanhart imp.
684.

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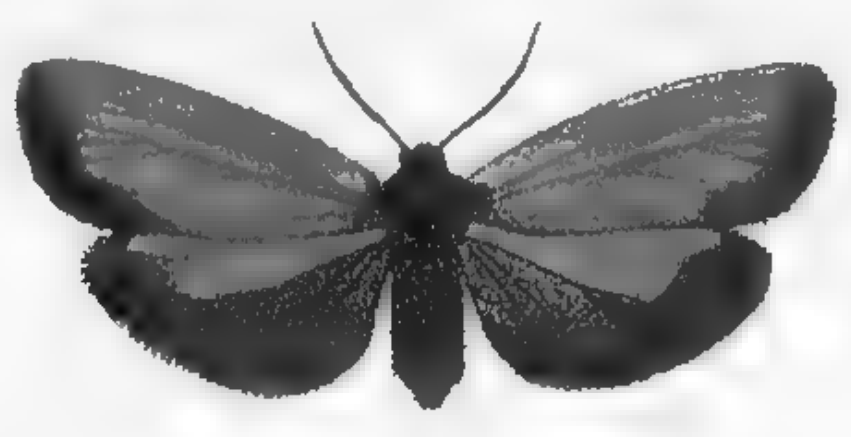
1♂ GNOPHÆLA EPICHARIS.
2 ROBINSONIA GROTEI.
3 " SANEA.
4 SPILOSOMA ORIZABA.
5 ROBINSONIA SABATA.
6♂, 7♀ SALLÆA LACIPEA.
8 EUCHÆTES PELOPEA.
9 ROBINSONIA DEIOPEA.

10♂ CYCNIA LEPHASSA.
11♂ " (?) RASPA.
12 HERACLIA RODRIGUEZI.
13 GINGLA ÆQUALIS.
14 LERINA INCARNATA.
15 HOPLARCTIA (?) HODEVA.
16 BRYCEA CYNARA.
17 " ESULA.

18 BRYCEA CETES.
19 " ARBELA.
20 " SEMIROSEA.
21 " FERONIA.
22 " MIRMA.
23 RUSCINO CYNOSSEMA.
24♂ PERICOPIS HOWARDI.
25♂, 26♀ " MONTEZUMA.

W. Purkiss lith.

Hanhart imp.
687.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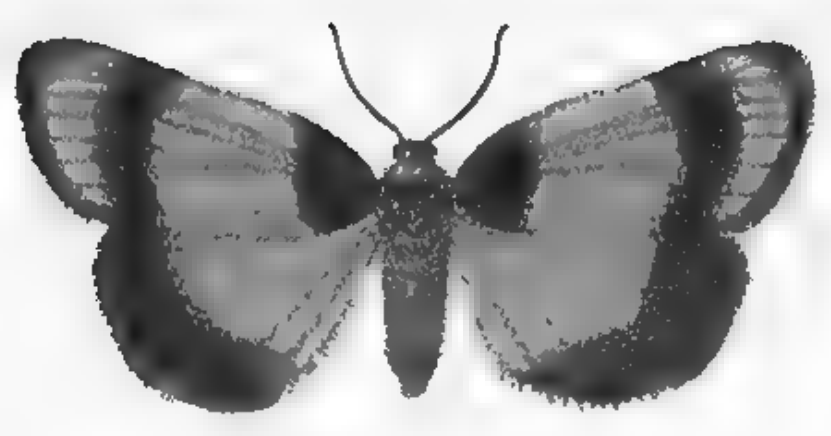
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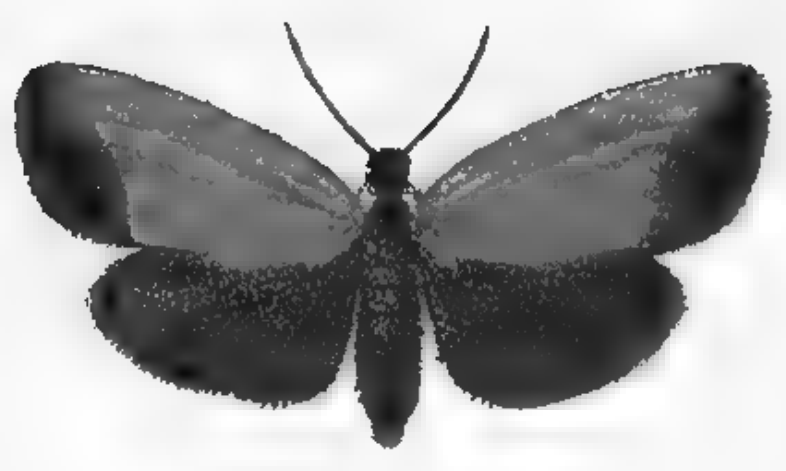
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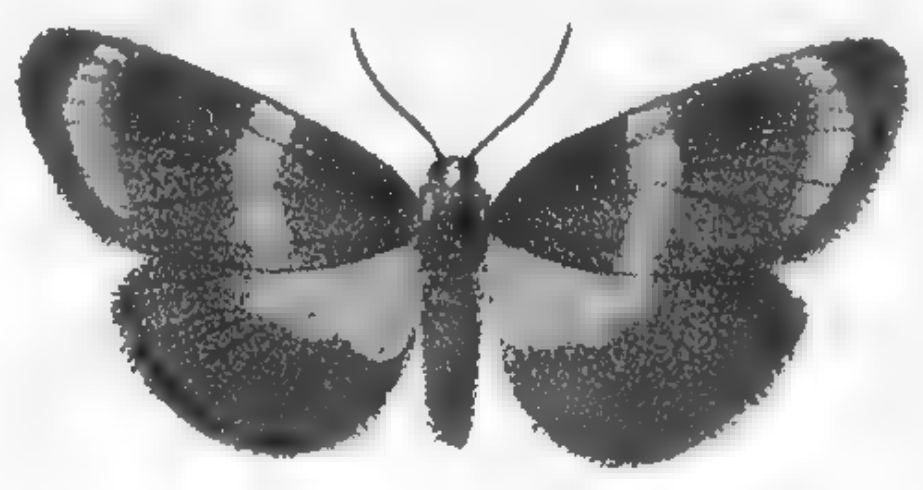
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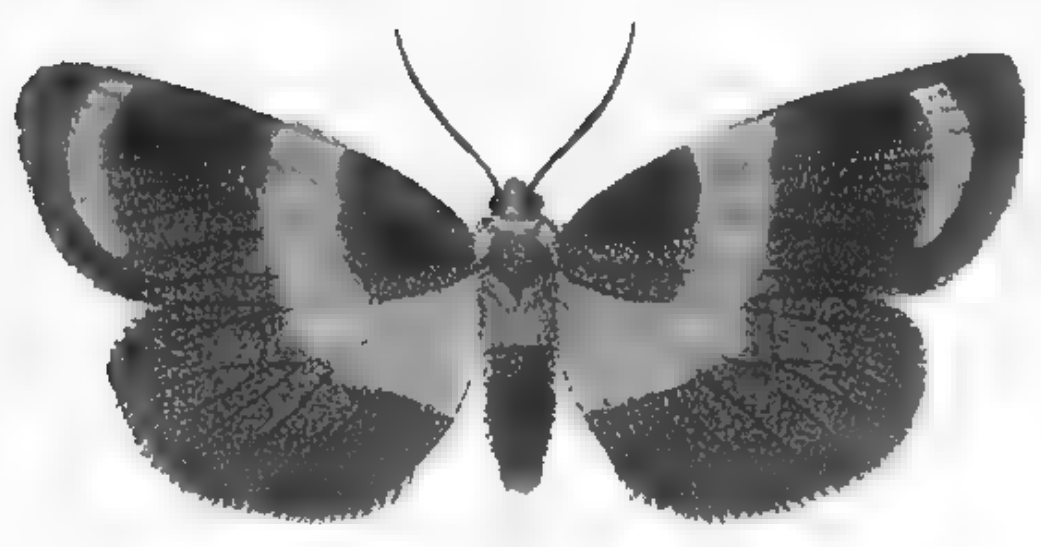
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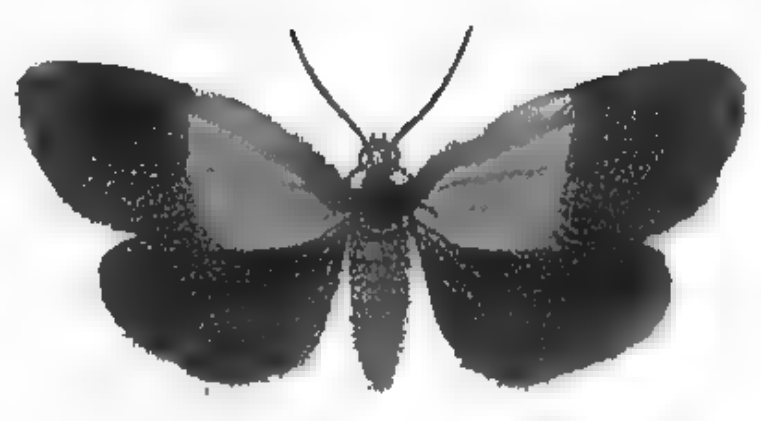
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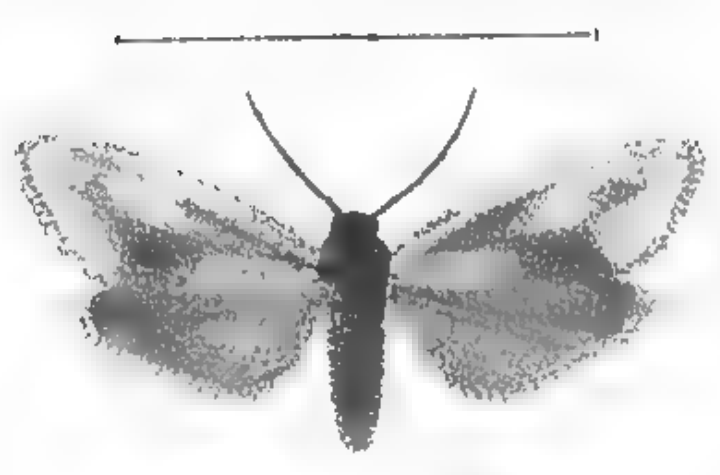
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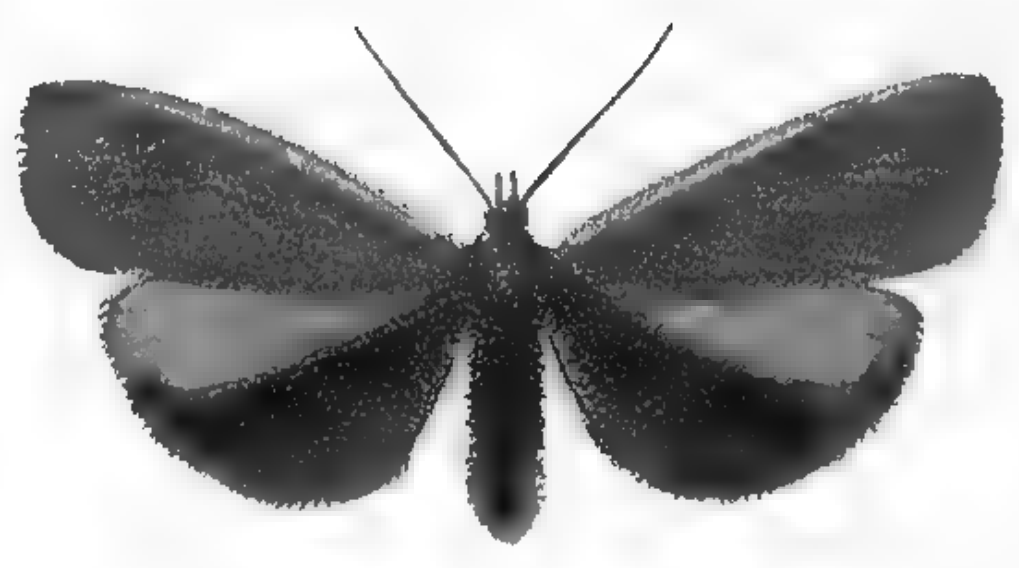
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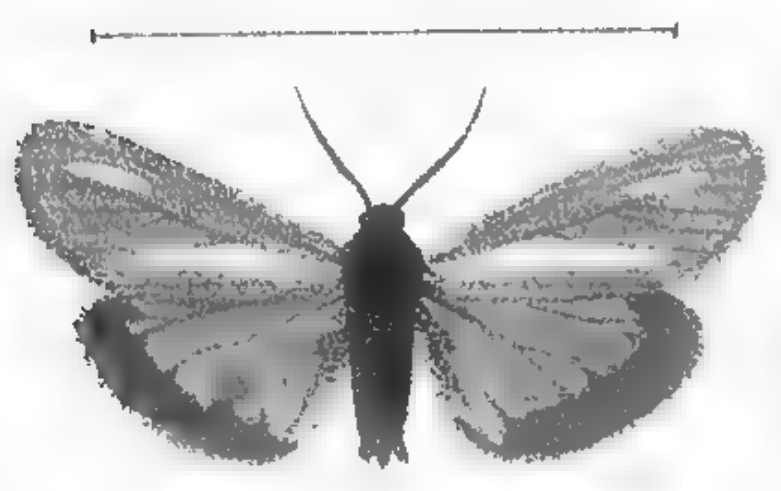
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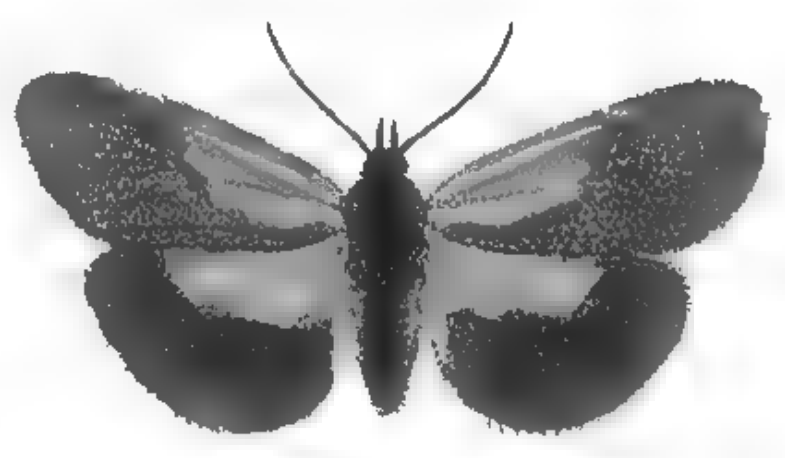
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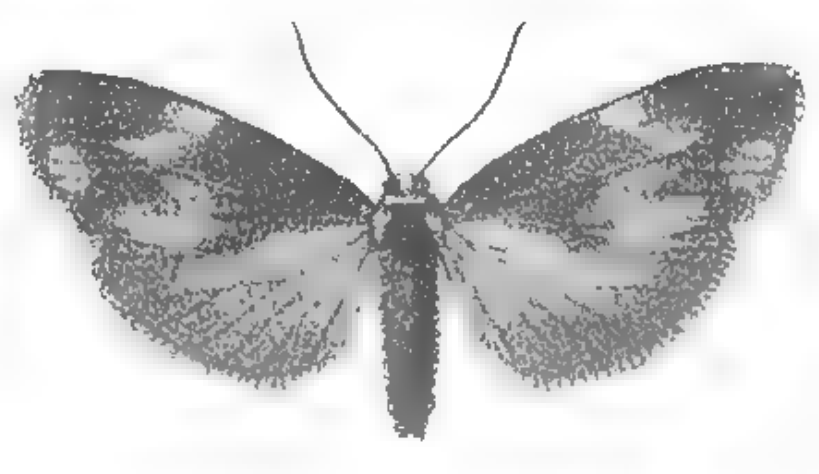
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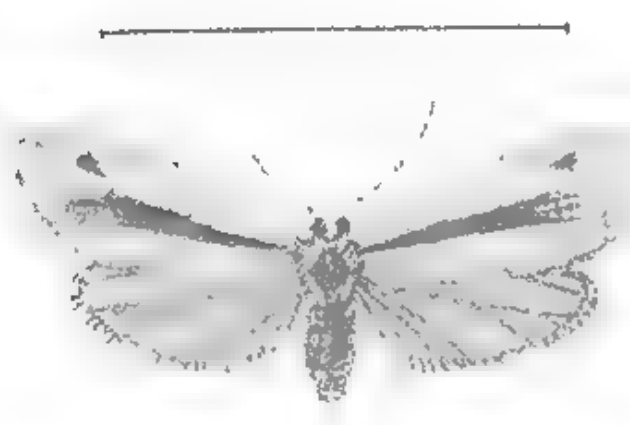
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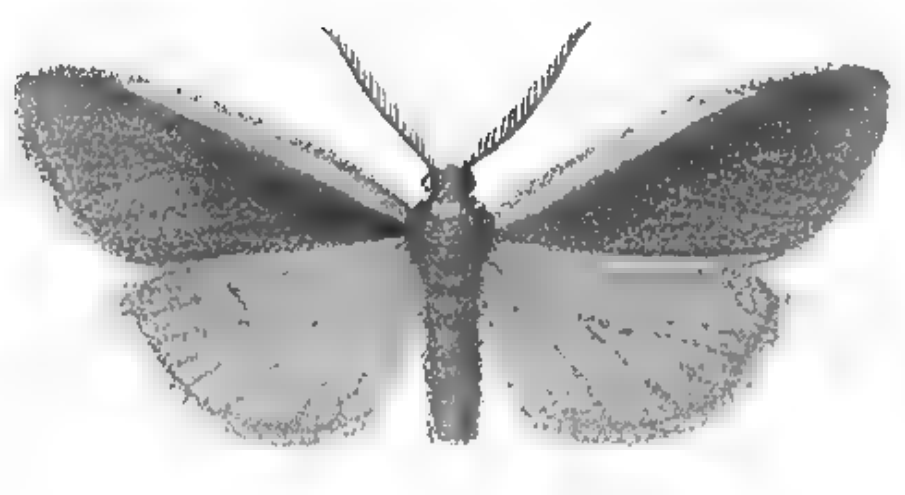
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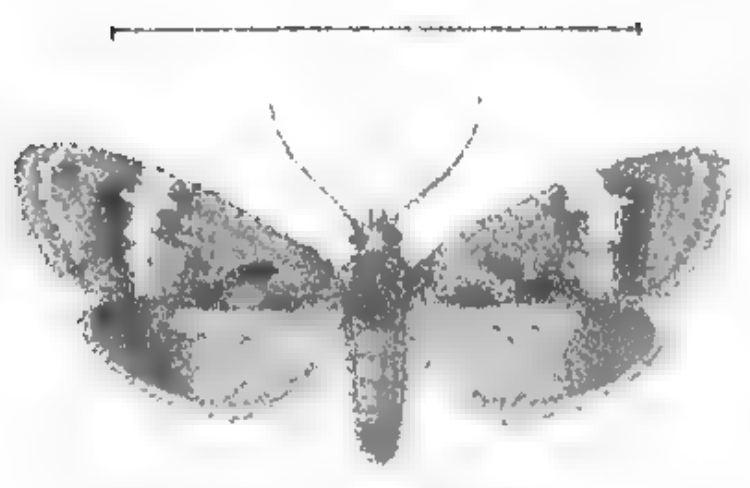
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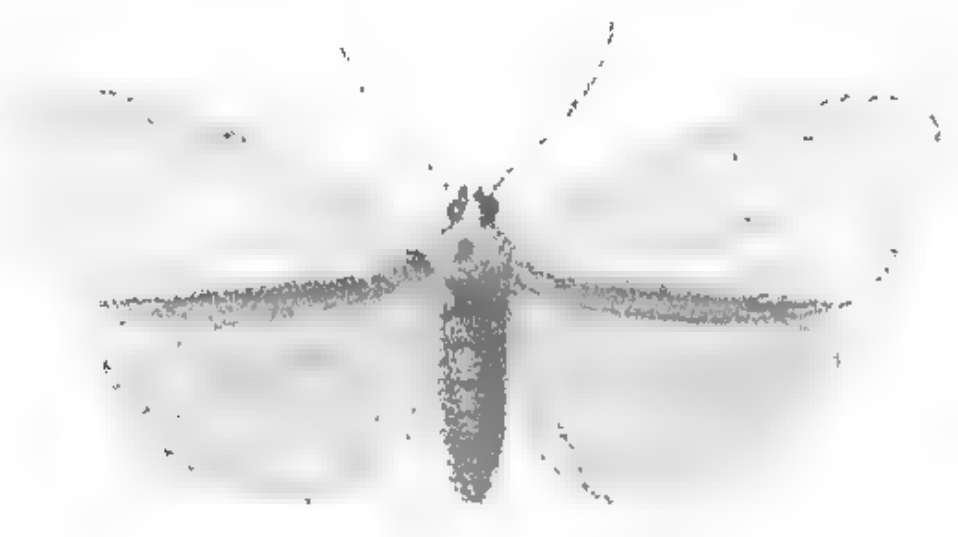
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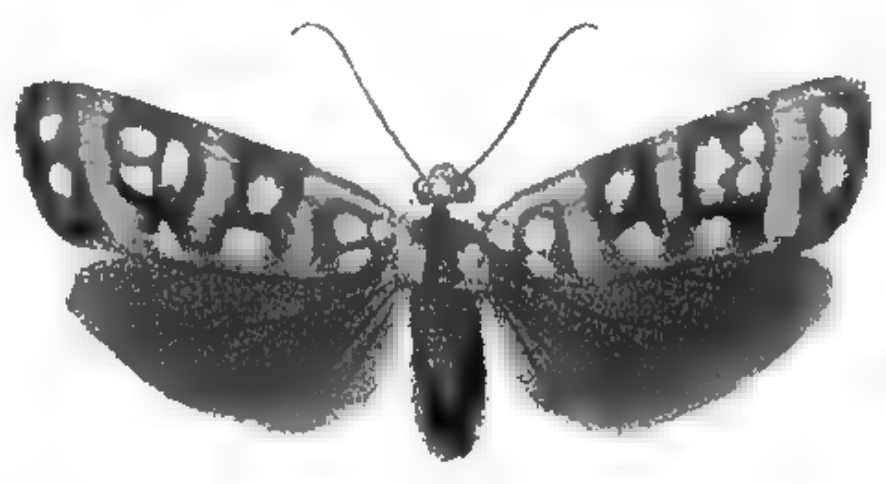
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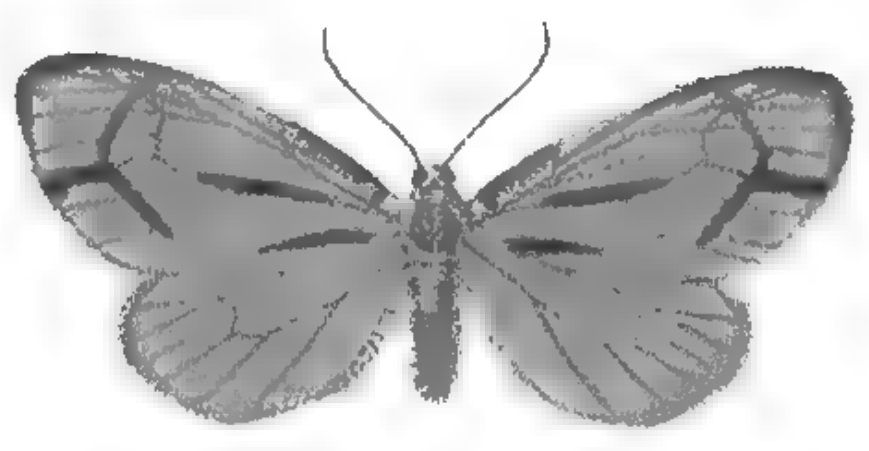
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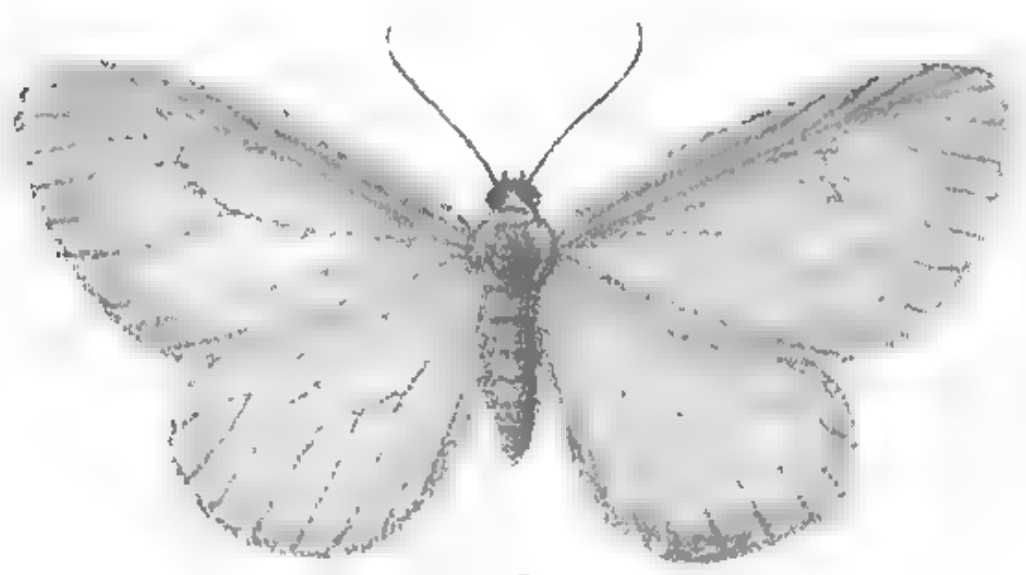
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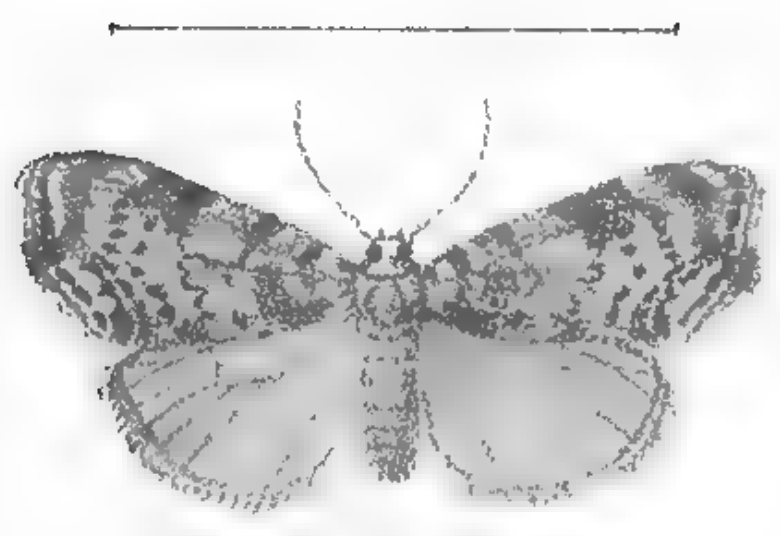
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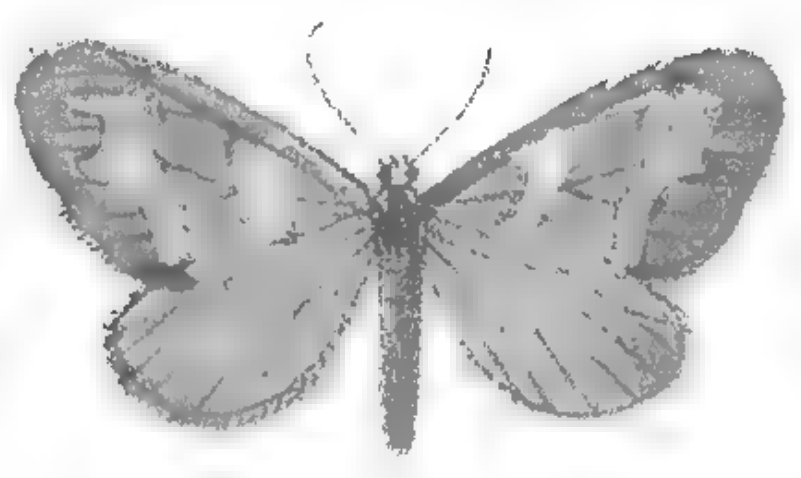
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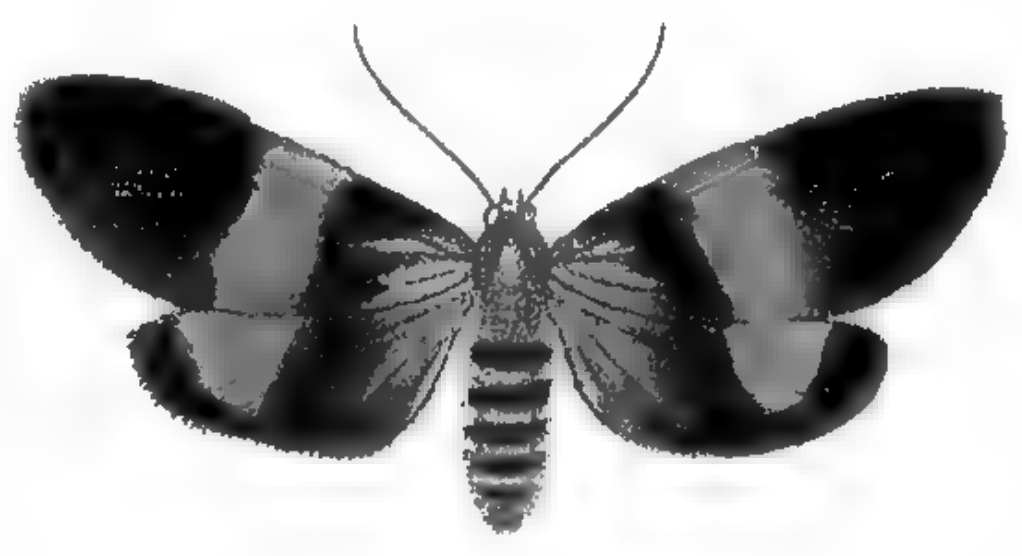
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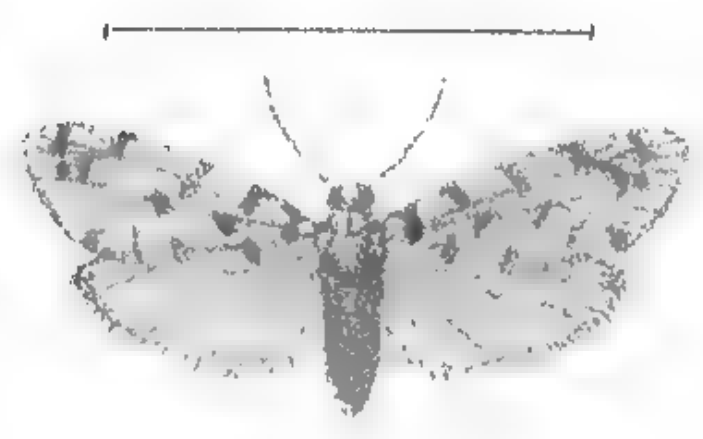
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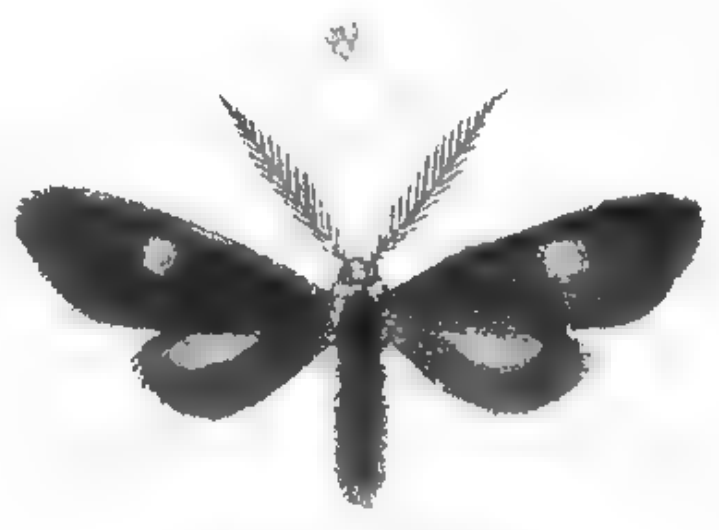
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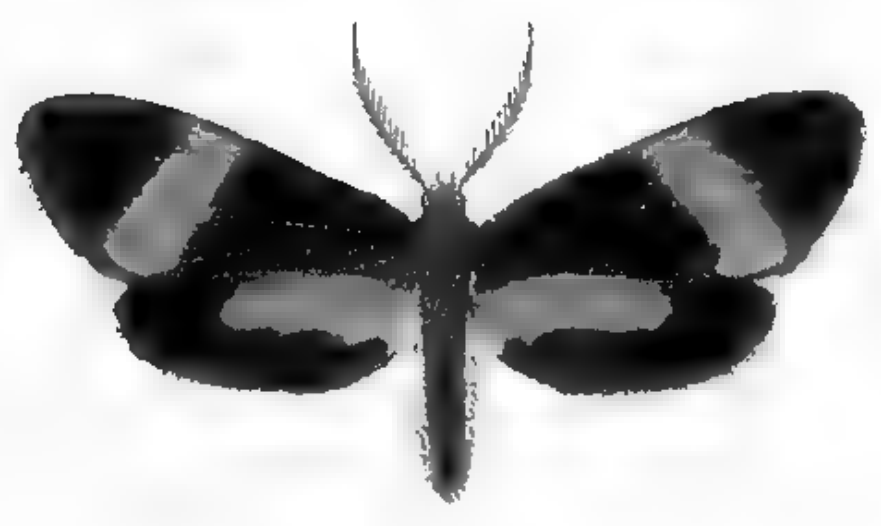
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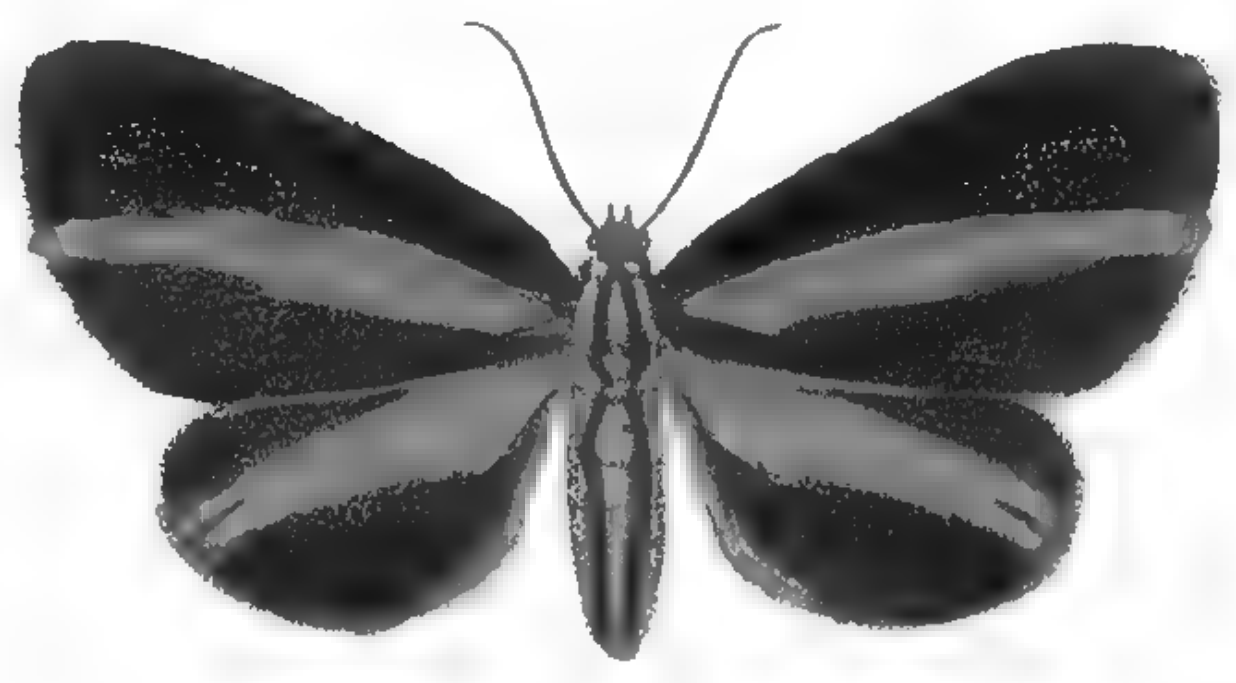
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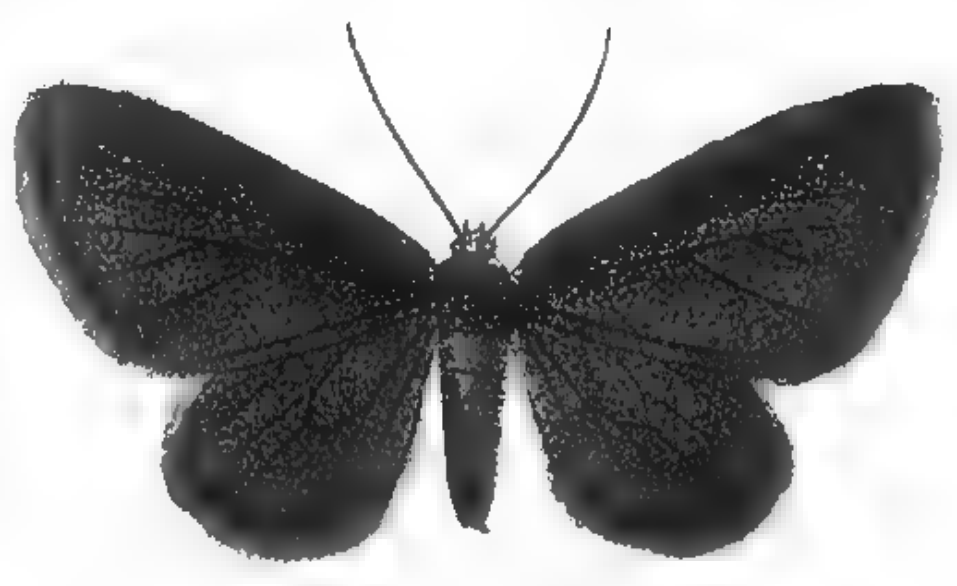
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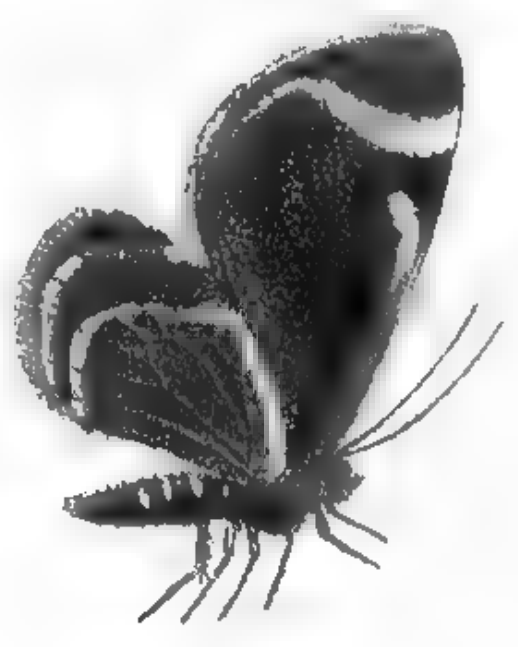
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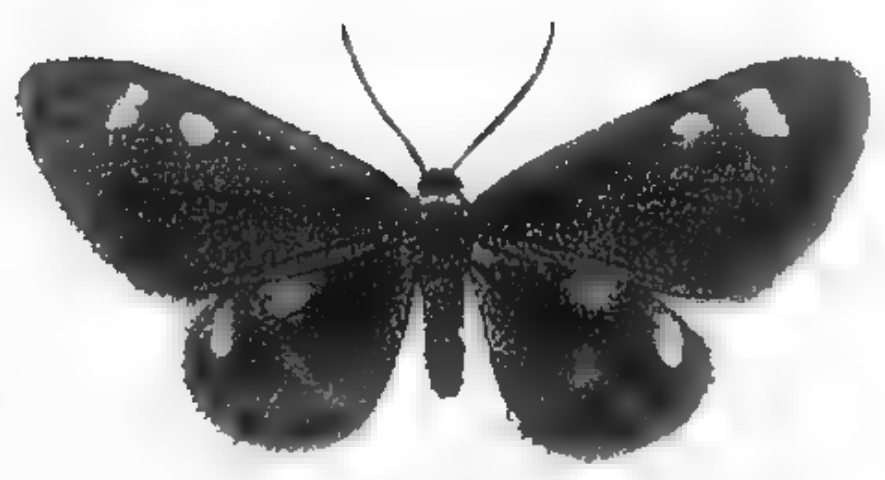
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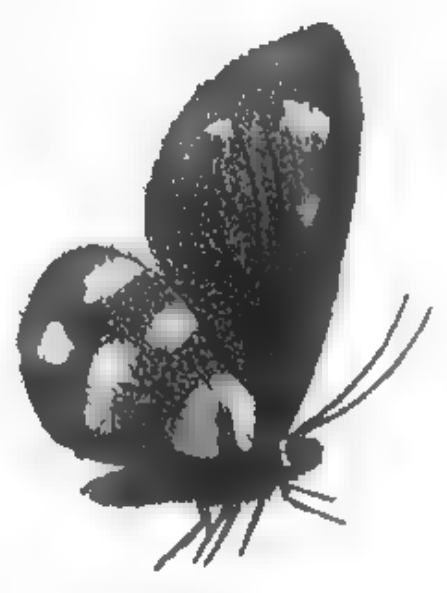
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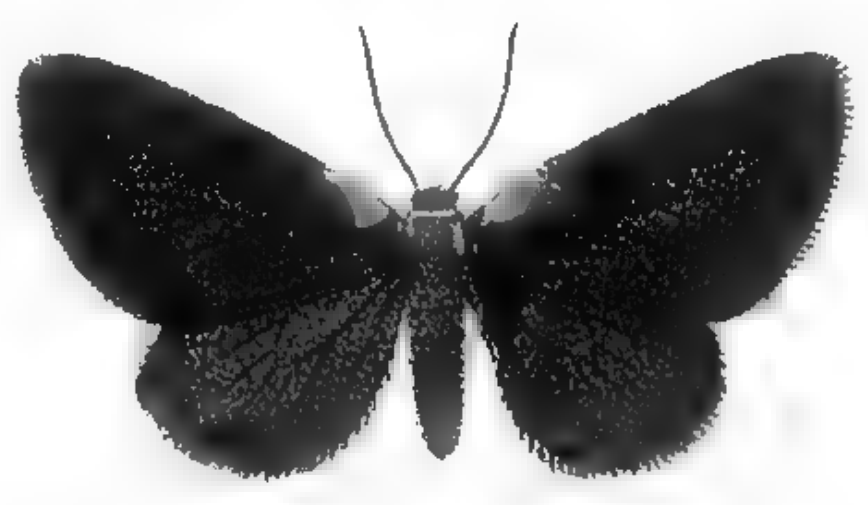
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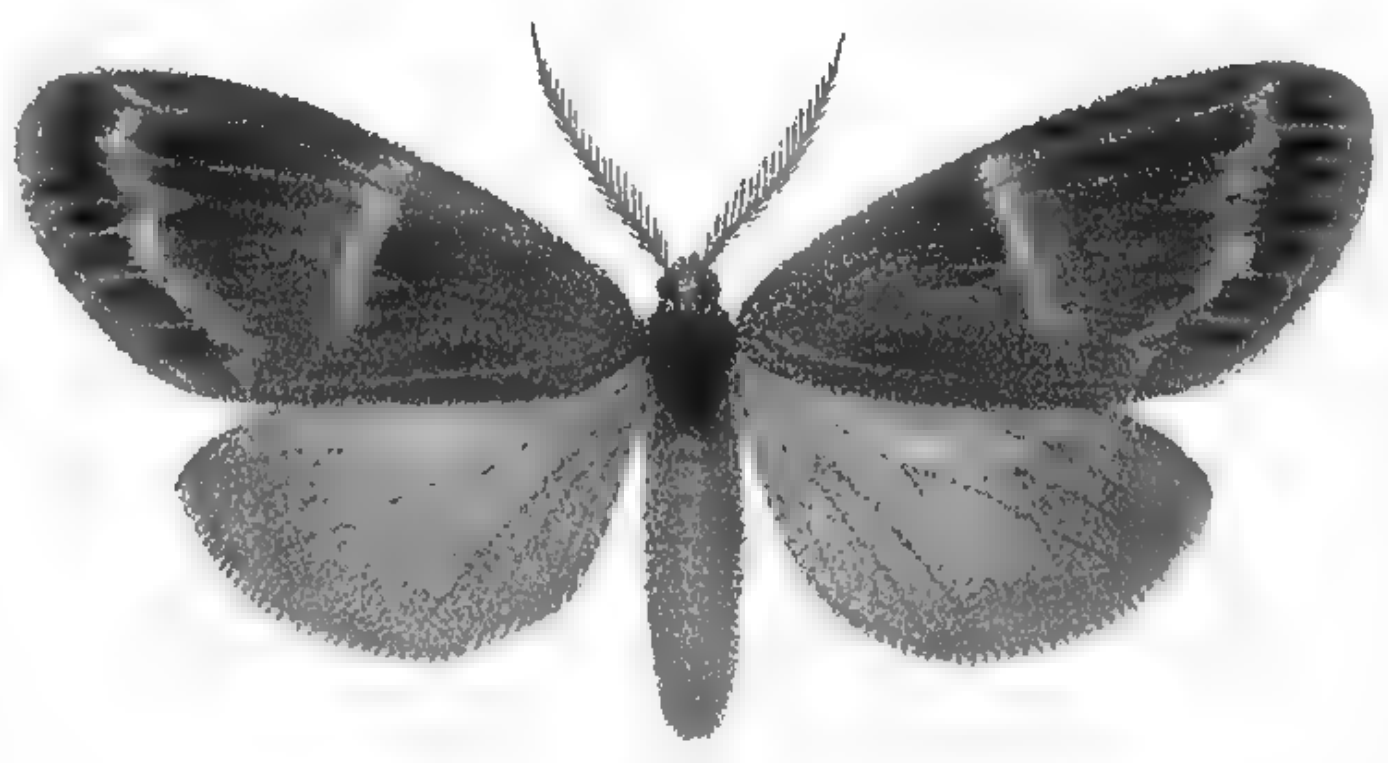
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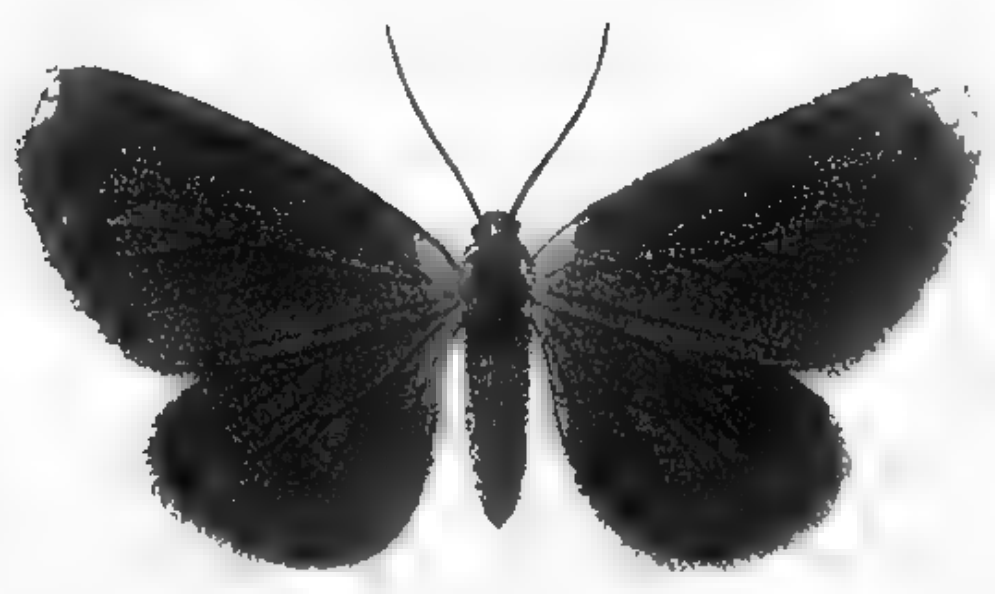
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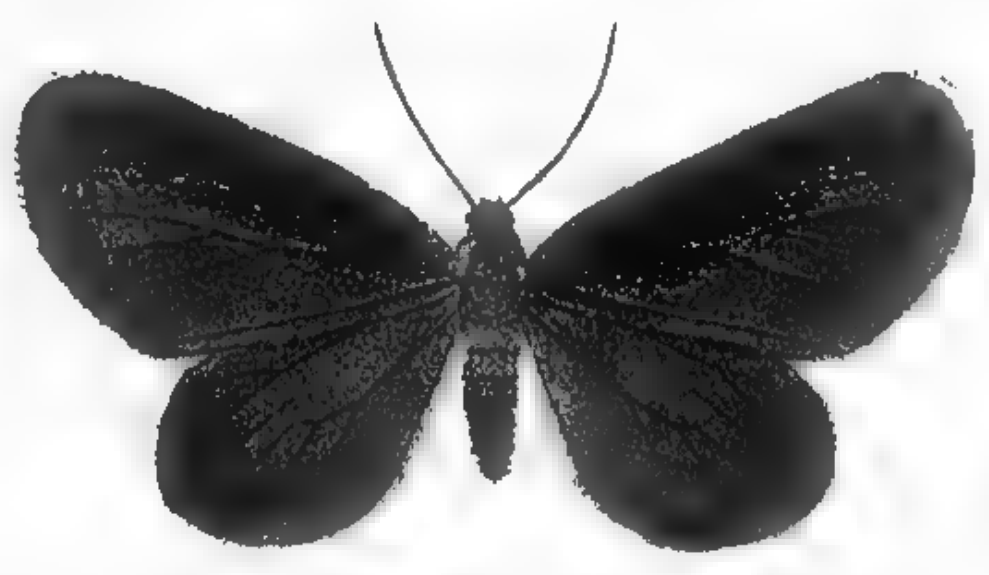
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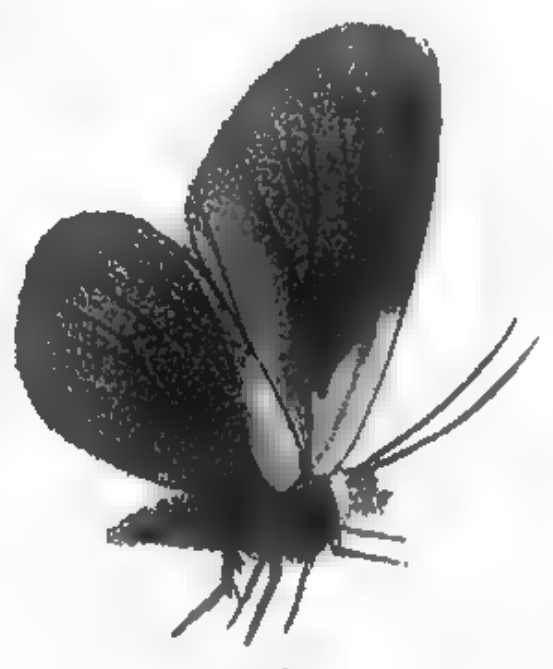
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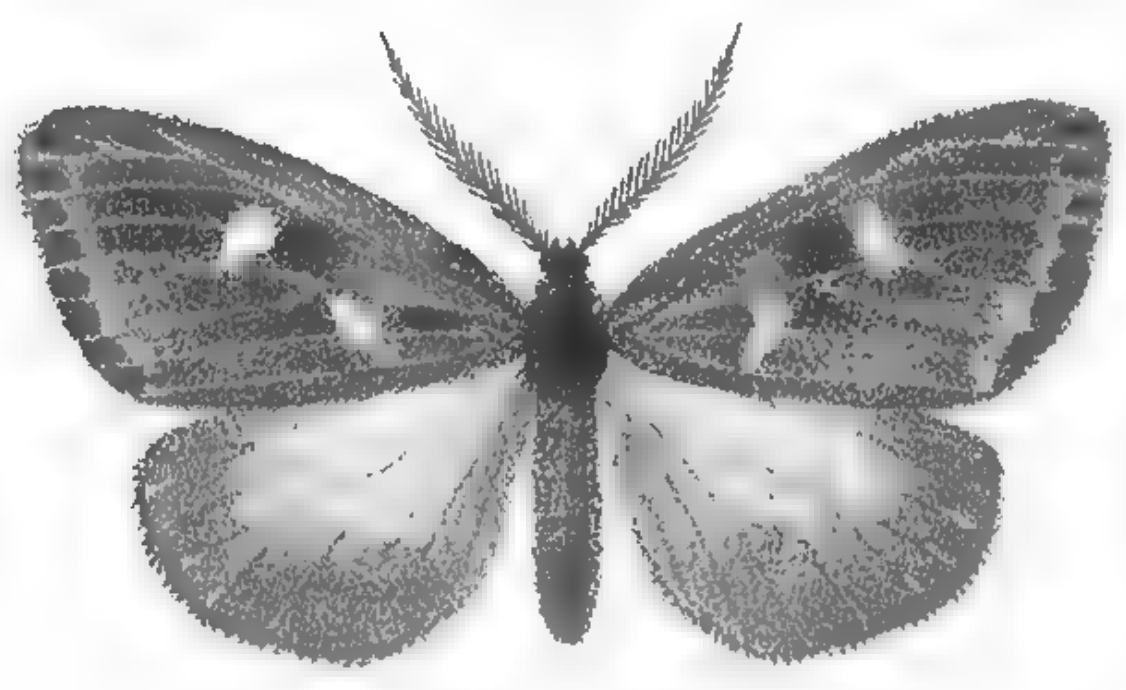
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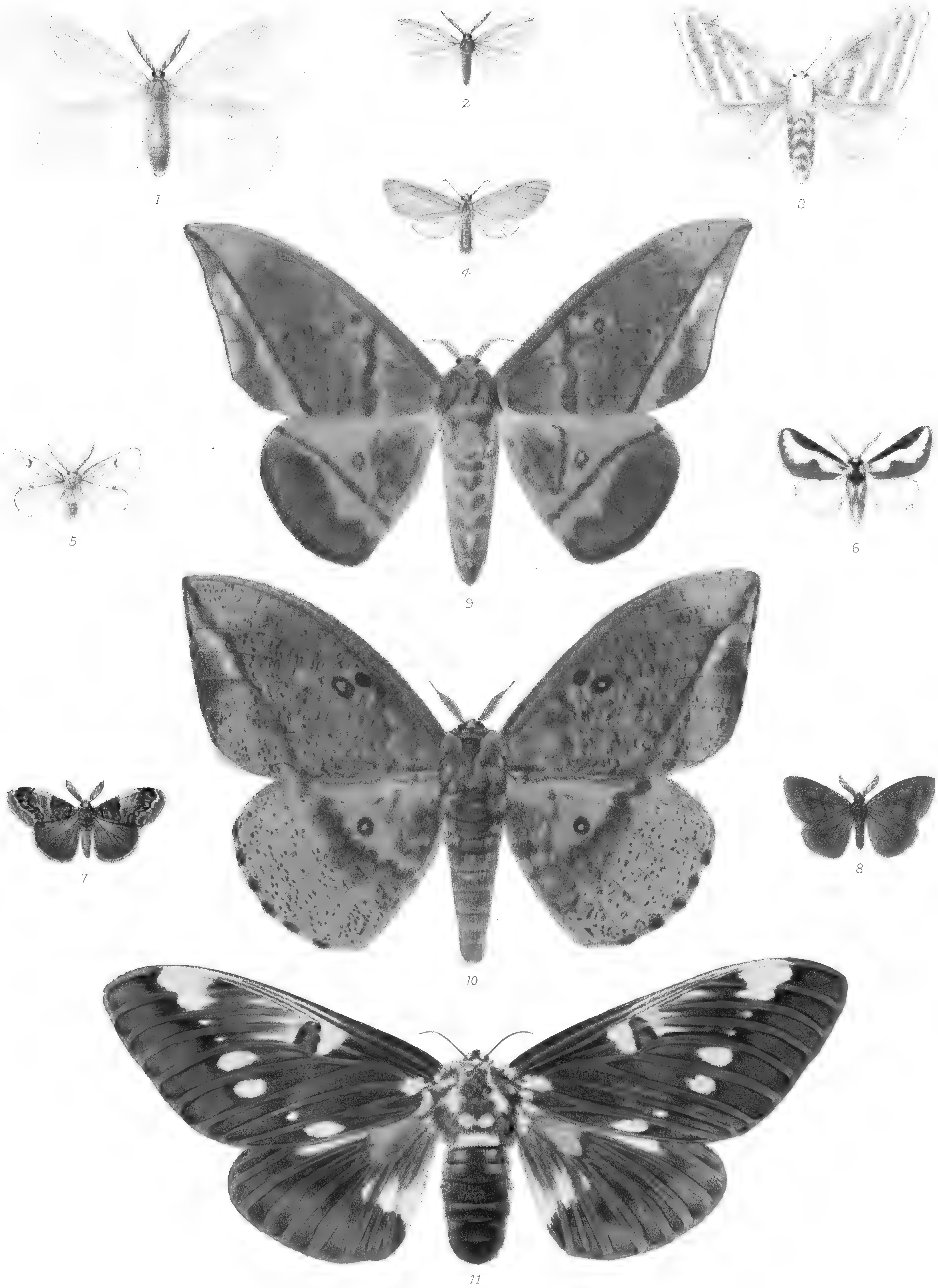
1 PTYCHOGLENE PHRADA.
2 RUSCINO PRUSIAS.
3 PTYCHOGLENE PERTUNDA.
4 RUSCINO PRAXIS.
5 » CYPRIS.
6 PTYCHOGLENE IRA.
7 LITHOSIA CÆCINA.
8 PTYCHOGLENE POMPONIA.
9 BOENASA POLYPHRON.
10 PTYCHOGLENE PAMPHYLIA.
11 LITHOSIA ZIZA.
12 LITHOSIA RAGUA.
13 » (?) CYTHERÆA.
14 » TYRES.
15 AREVA TOLTECA.
16♂ CYDOSIA PHÆDRA.
17 EUDULE DAXATA.
18 » RHOTANA.
19 NOLA CERNITIS.
20 EUPHANESSA PAUPER.
21 EPHIALTIAS SUPERBA.
22 EUSTIXIA MINIMA.
23♂ EPHIALTIAS PEBA.
24♂ » COATEPECA.
25♀ JOSIA GIGANTEA.
26,27 ŒNOTRUS MAMITUS.
28,29 » SPLENDENS.
30 » ORODES.
31 POLYPŒTES MAXIMUS.
32 MELANCHROIA PHŒBE.
33,34 » MONTICOLA.
35 POLYPŒTES VILLIA.

W. Purkiss lith.   Hanhart imp. 689.



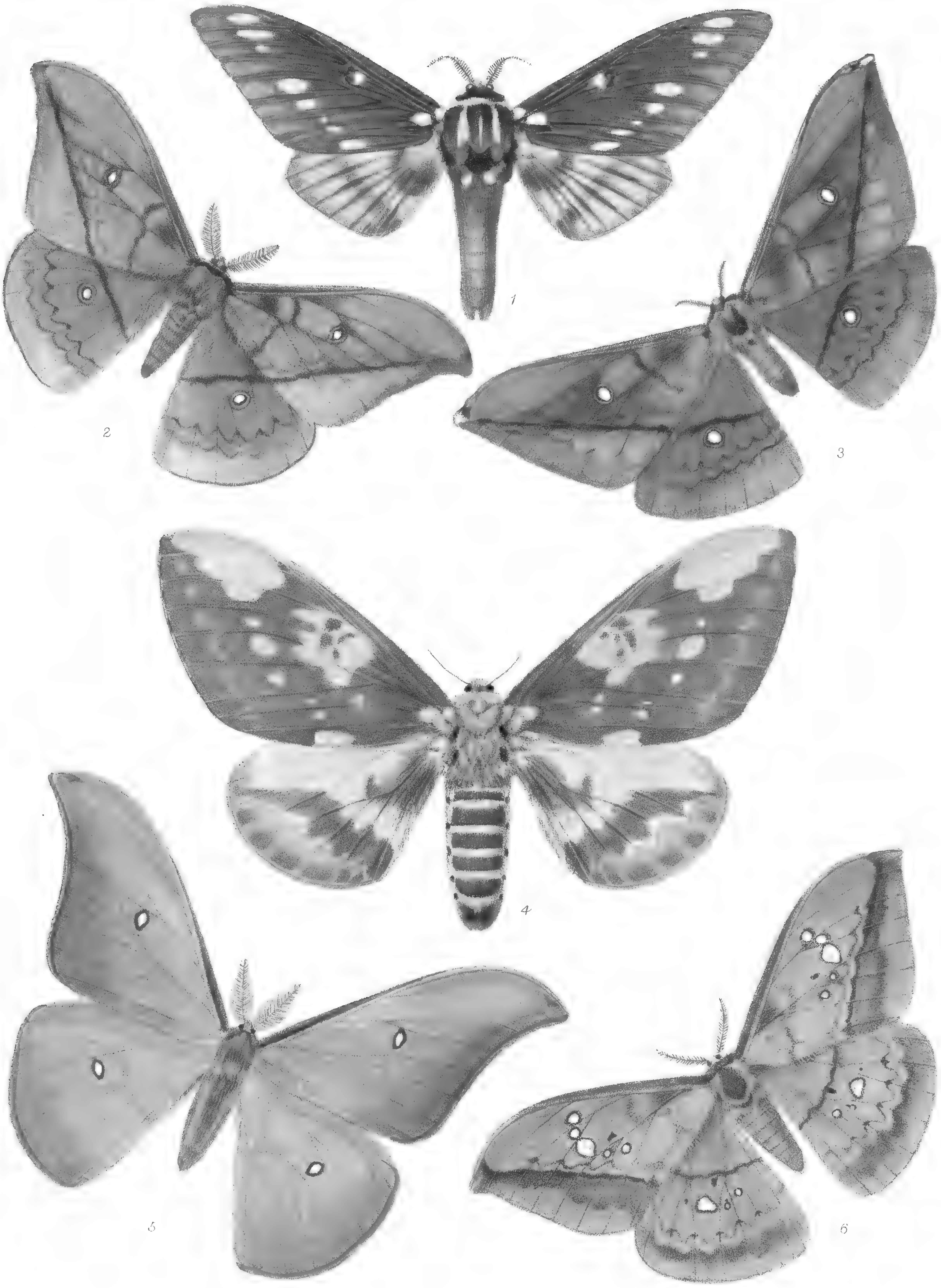
1 XENOSOMA GIGANTEUM.
2♂ AGARÆA MINUTA.
3♀ CARAMA (?) ARGENTEA.
4 BITURIX VENOSATA.

5 ARCHYLUS MEXICANUS.
6 " TENER.
7♂ ORGYIA FALCATA.

8♂ ORGYIA CORESIA.
9♂ EACLES MASONI.
10♂ " ORMONDEI.
11♀ " SPLENDENS.

W. Purkiss lith.

[illegible] imp.

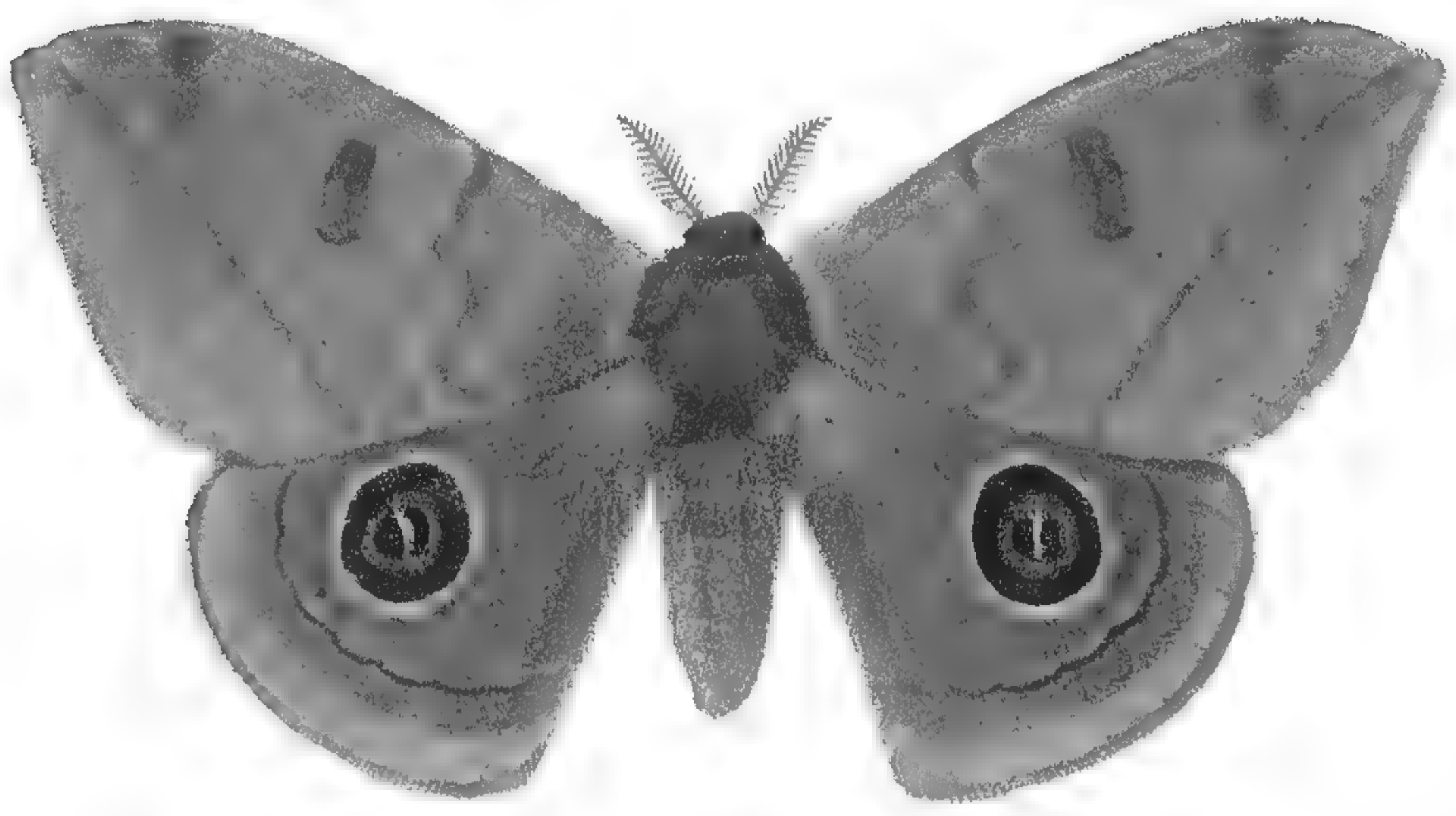


1♂ EACLES AZTECA. 4♀ EACLES AROA.
2♂, 3♀ COPAXA DENDA. 5♂ COPAXA SYNTHERATOIDES.
6♀ COPAXA MULTIFENESTRATA (*yellow form*).

W. Purkiss lith.

Hanhart imp.
692.

KODAK Color Control Patches
© The Tiffen Company, 2000
Kodak LICENSED PRODUCT
Blue Cyan Green Yellow Red Magenta White 3/Color Black
Centimetres
Inches



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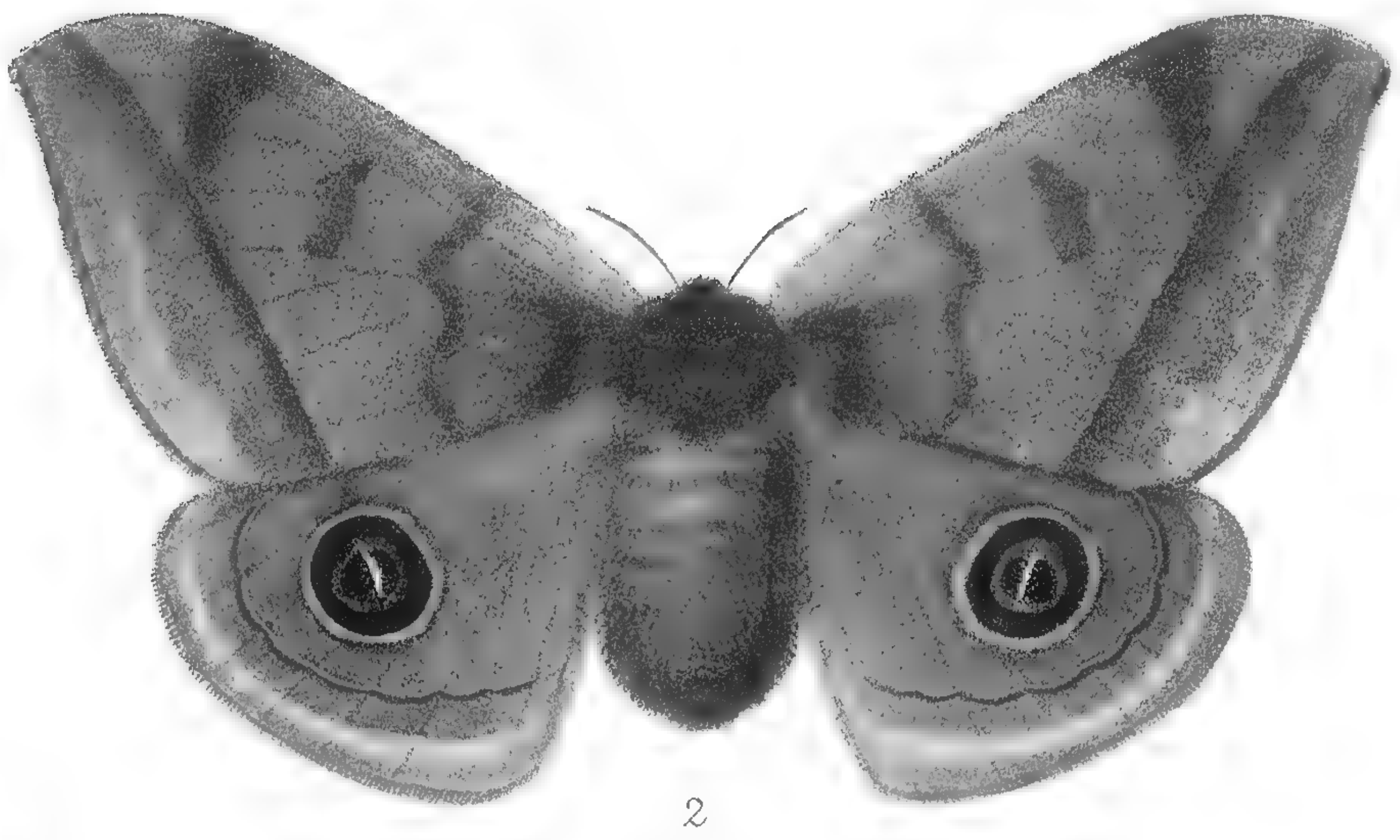

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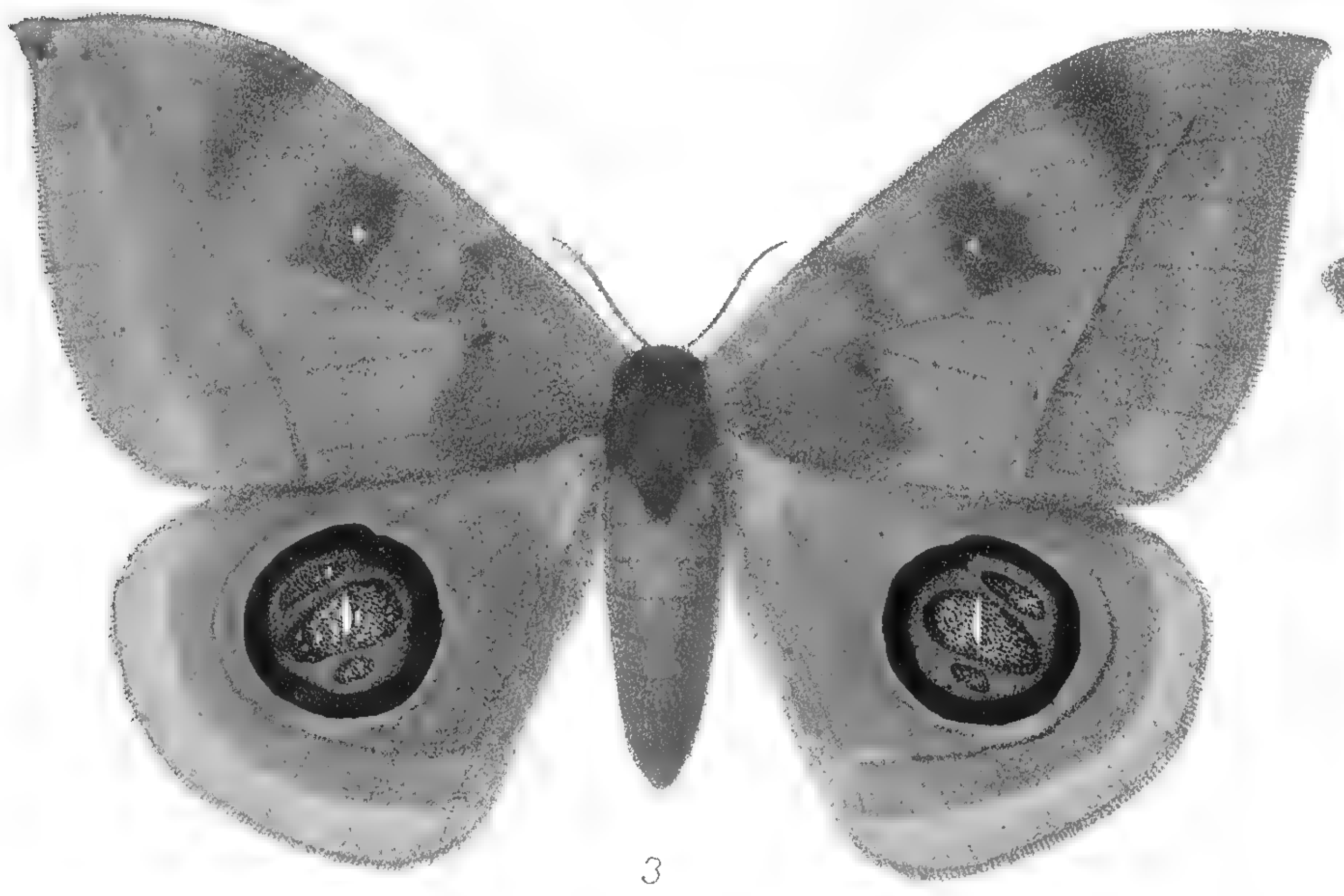

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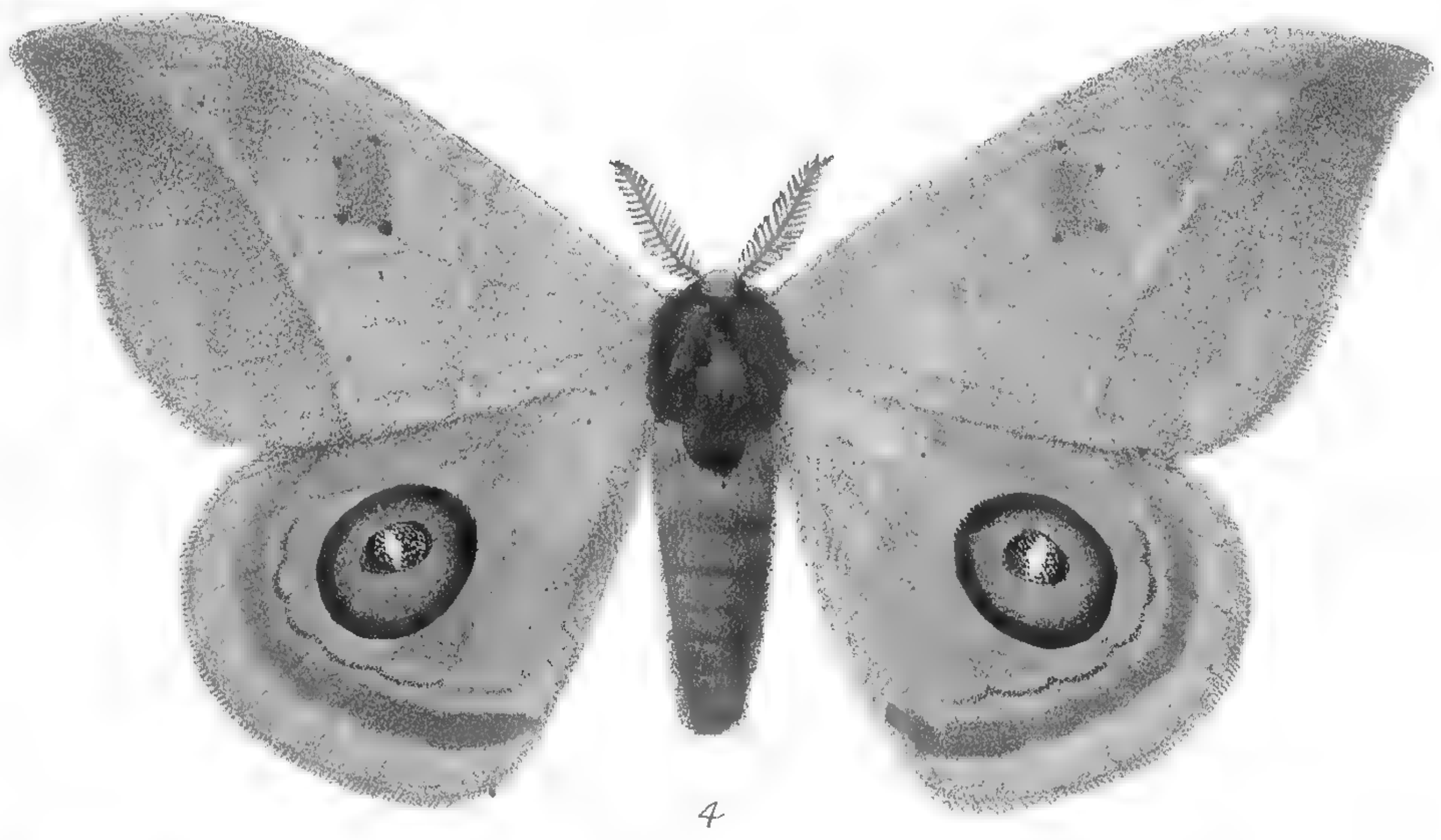

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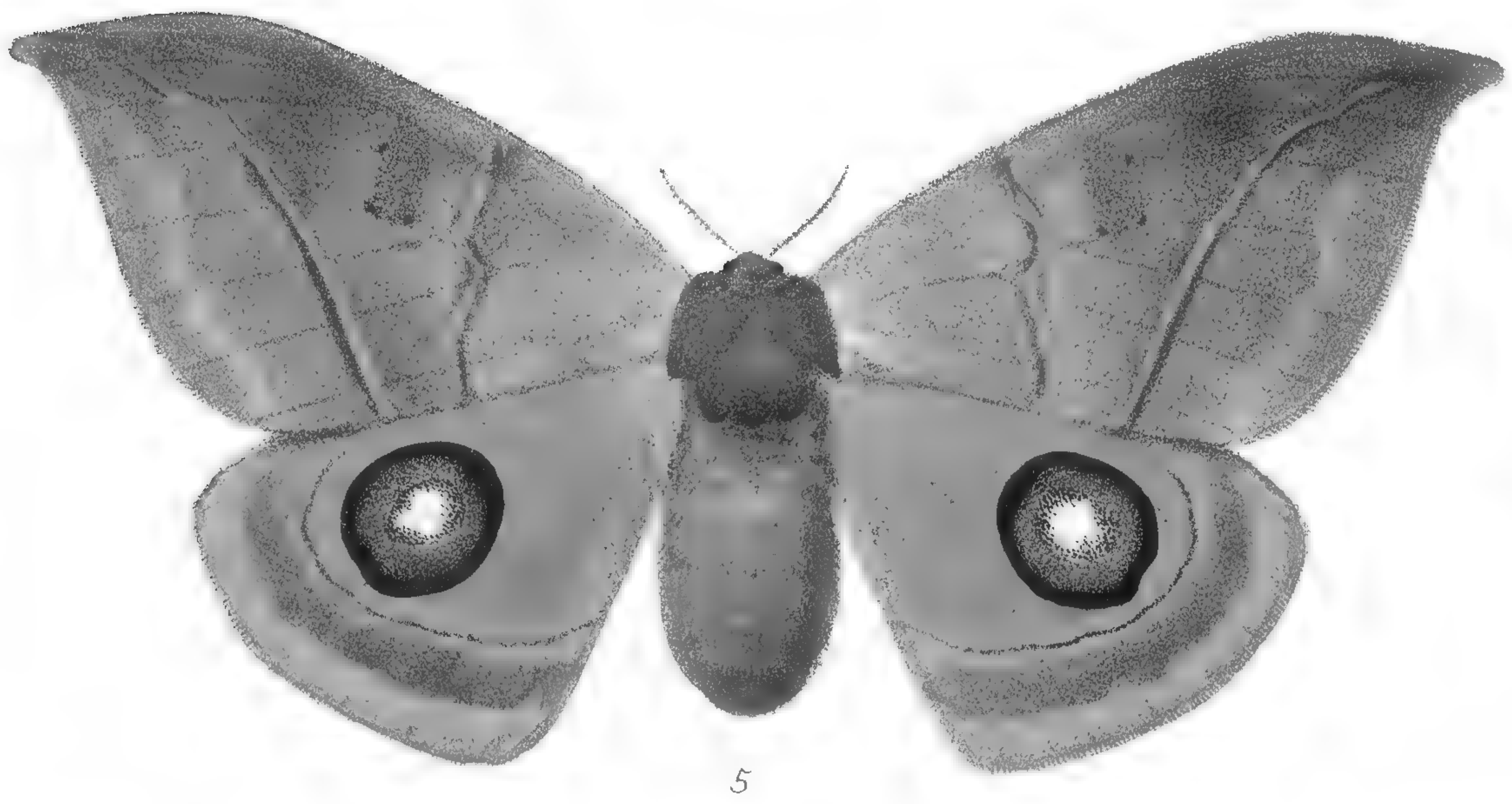

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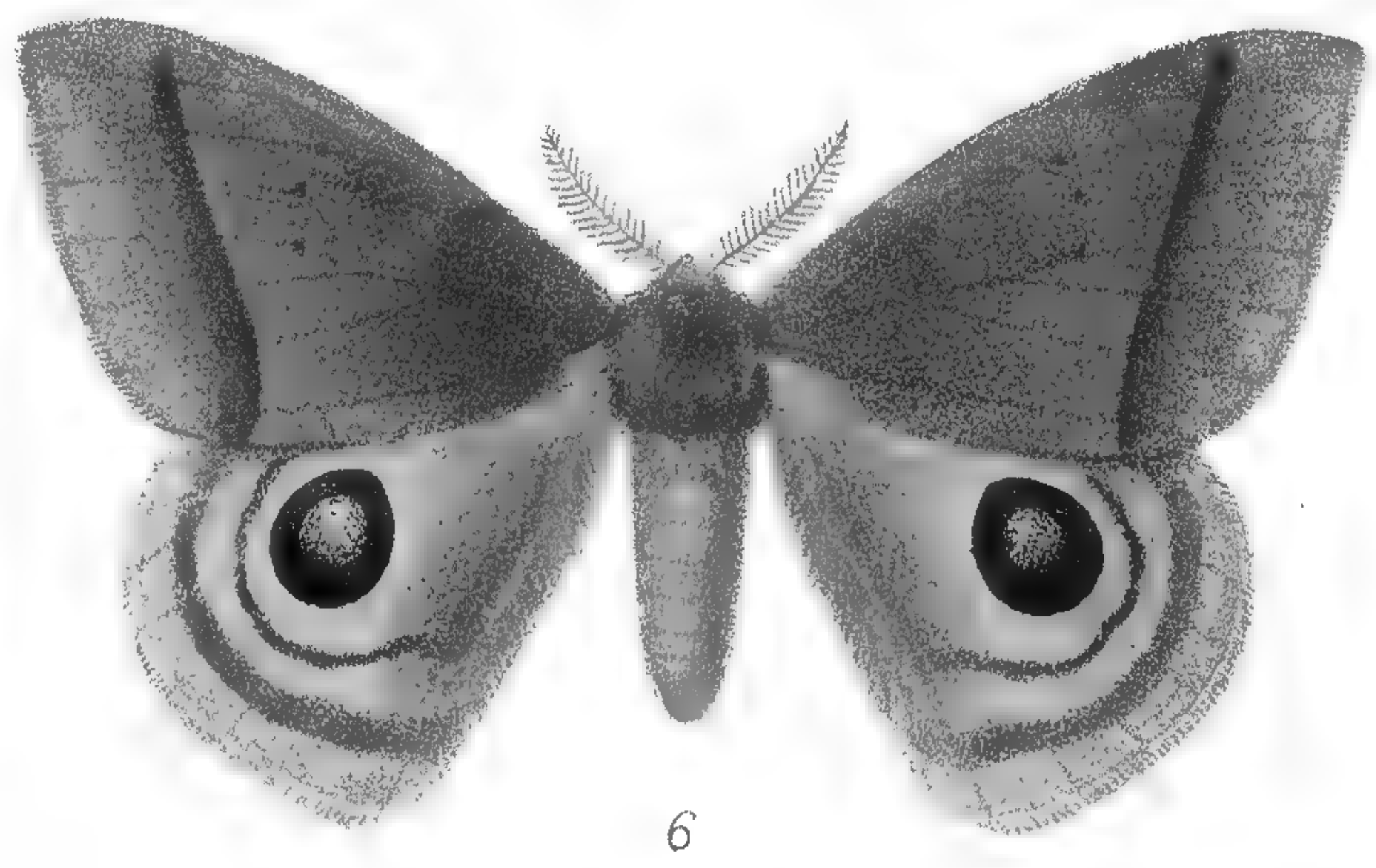

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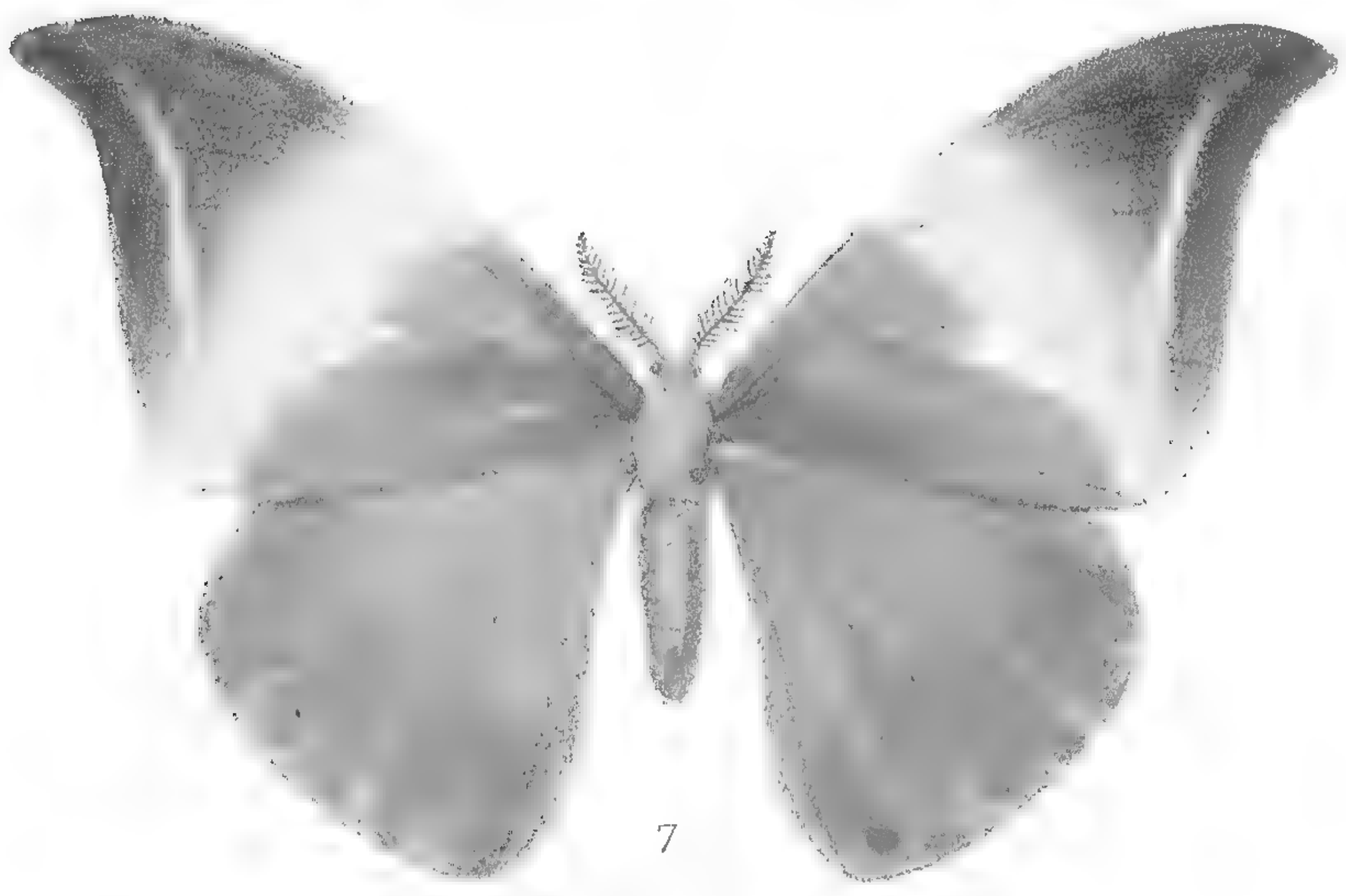

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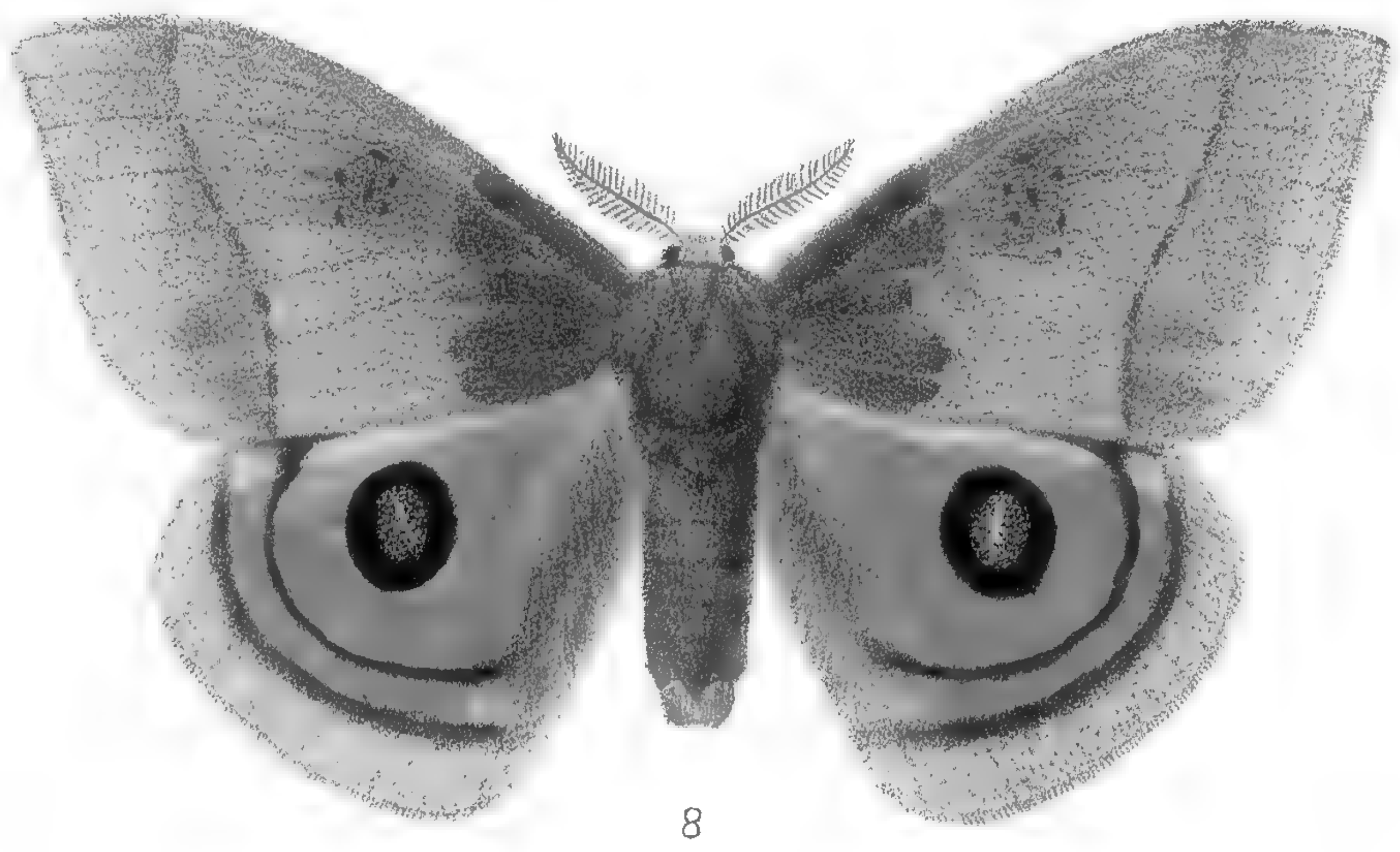


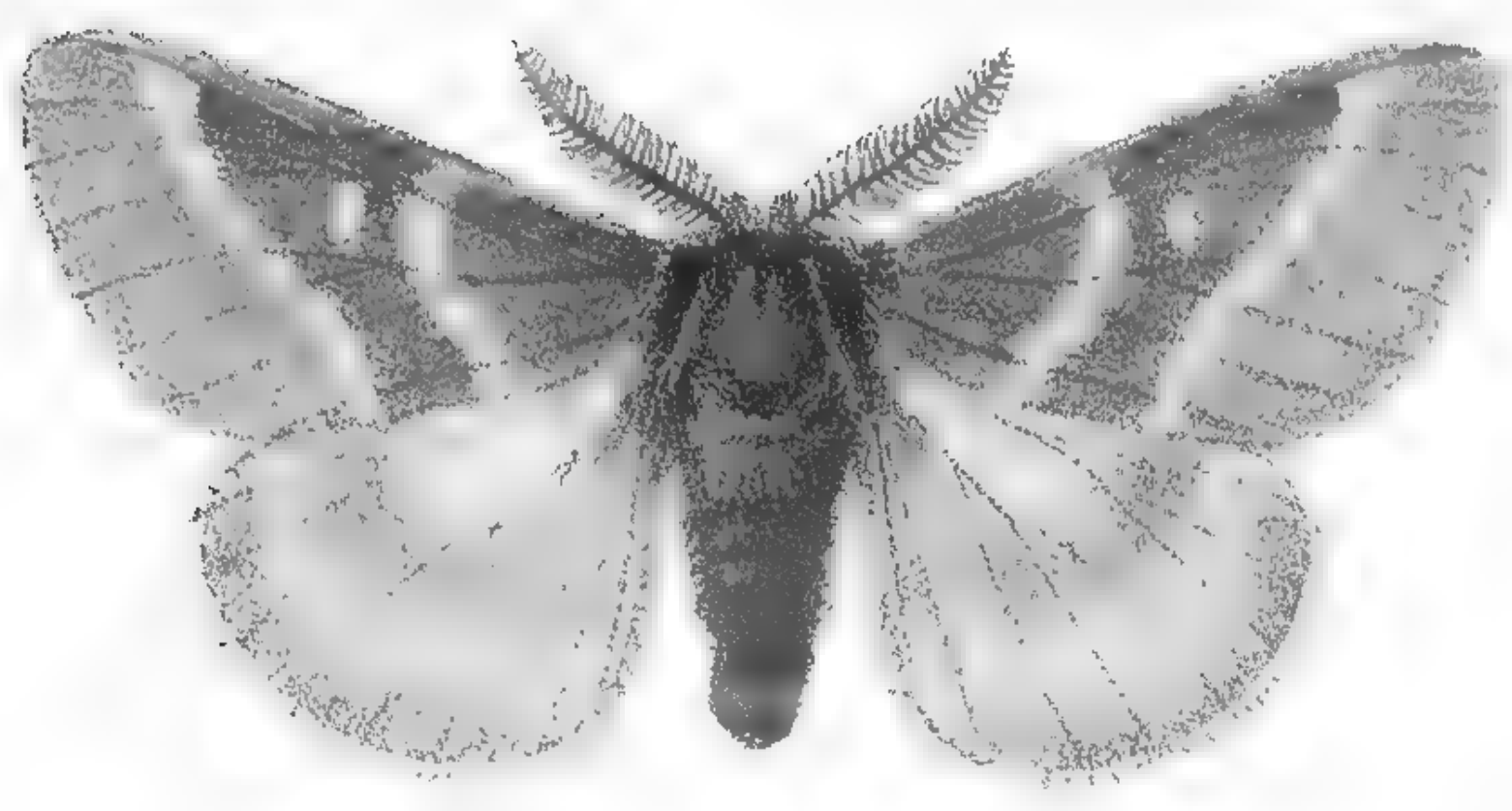
8

1♂, 2♀ AUTOMERIS MOLONEYI.
3♀ " NOPALTZIN.

4♂, 5♀ AUTOMERIS RANDA.
6♂ " IRIS.

7♂ AUTOMERIS PHRYNON.
8♂ " DAUDIANA.

W. Purkiss lith.
Hanhart imp.
693.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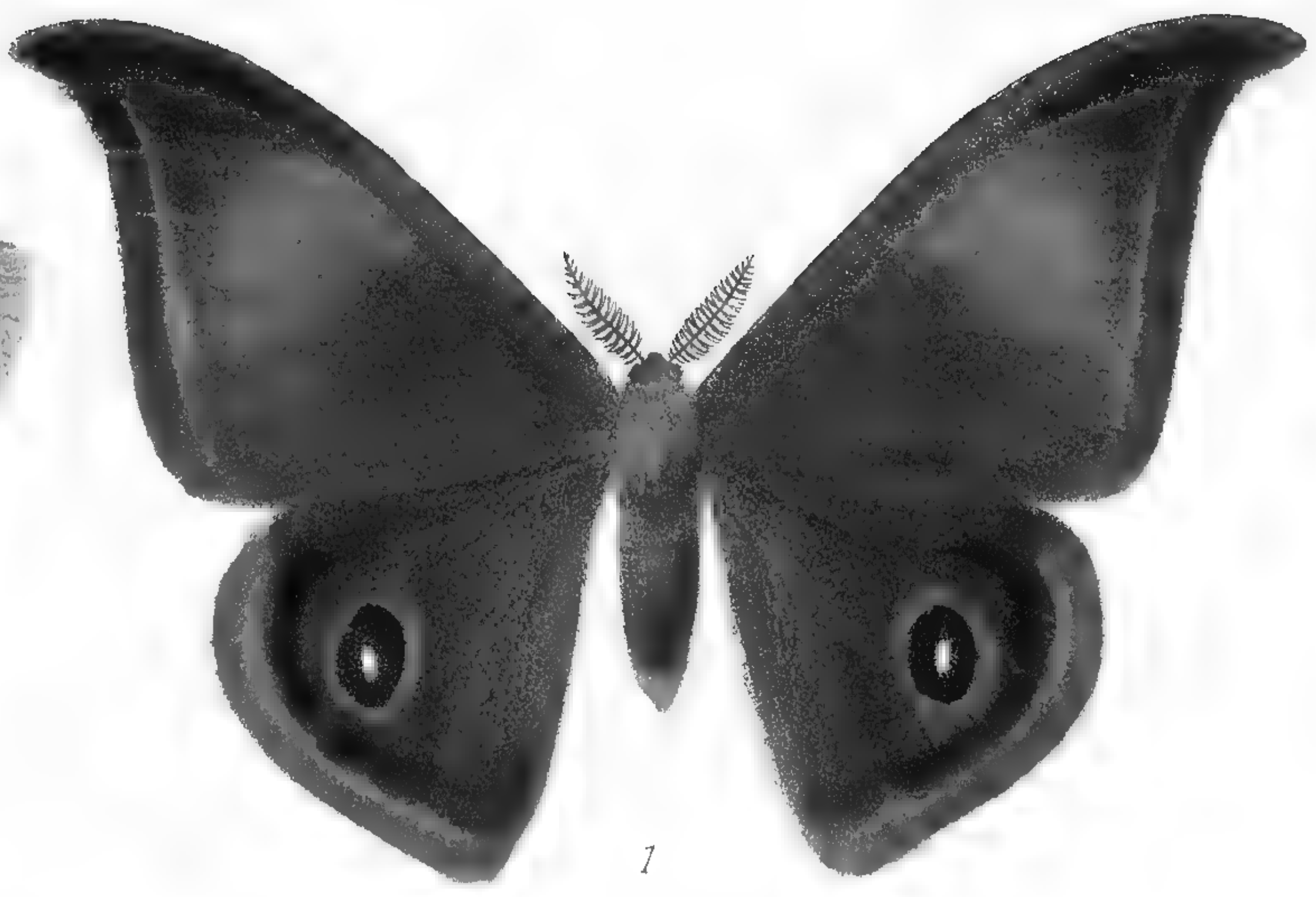
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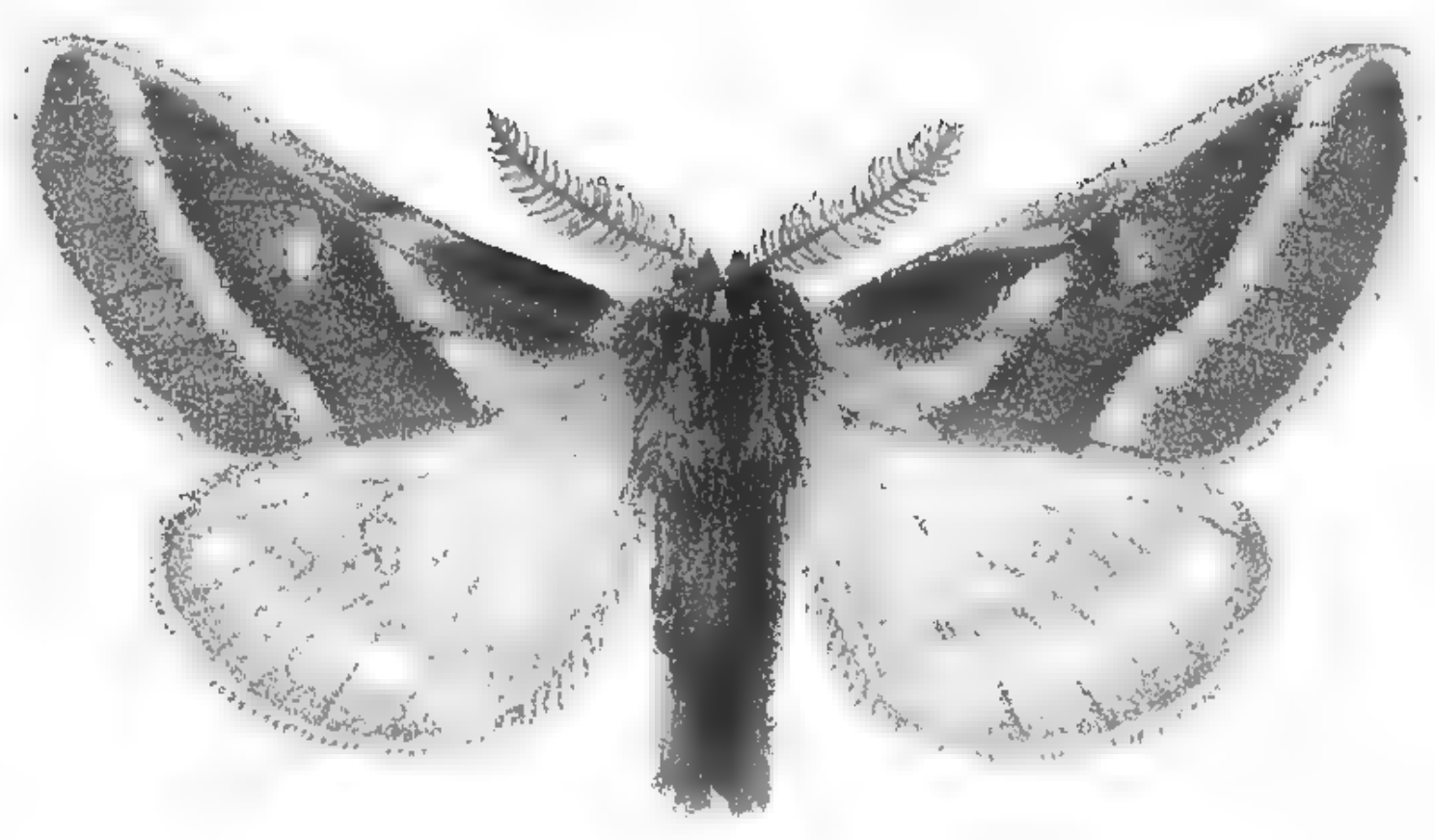
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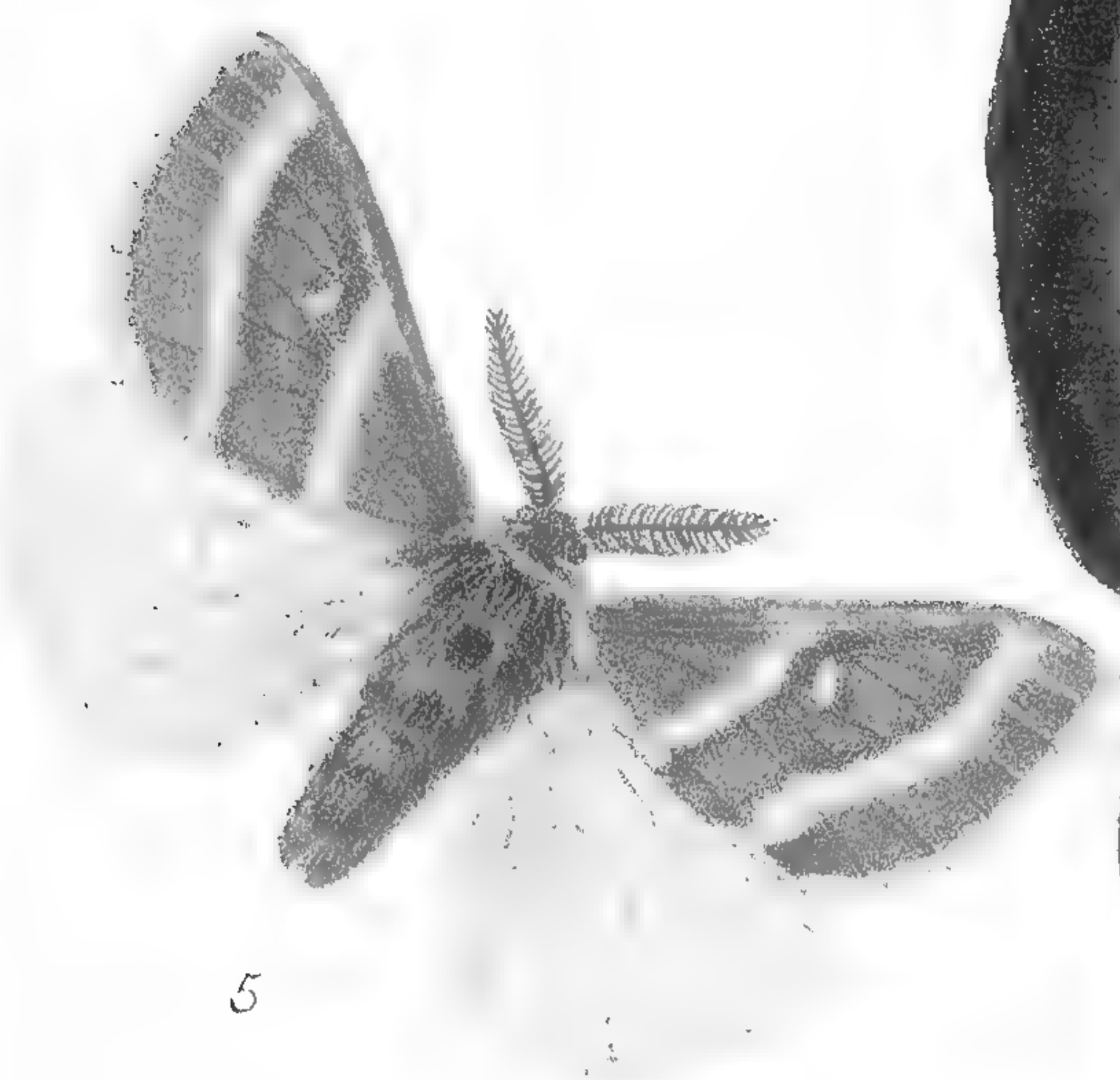
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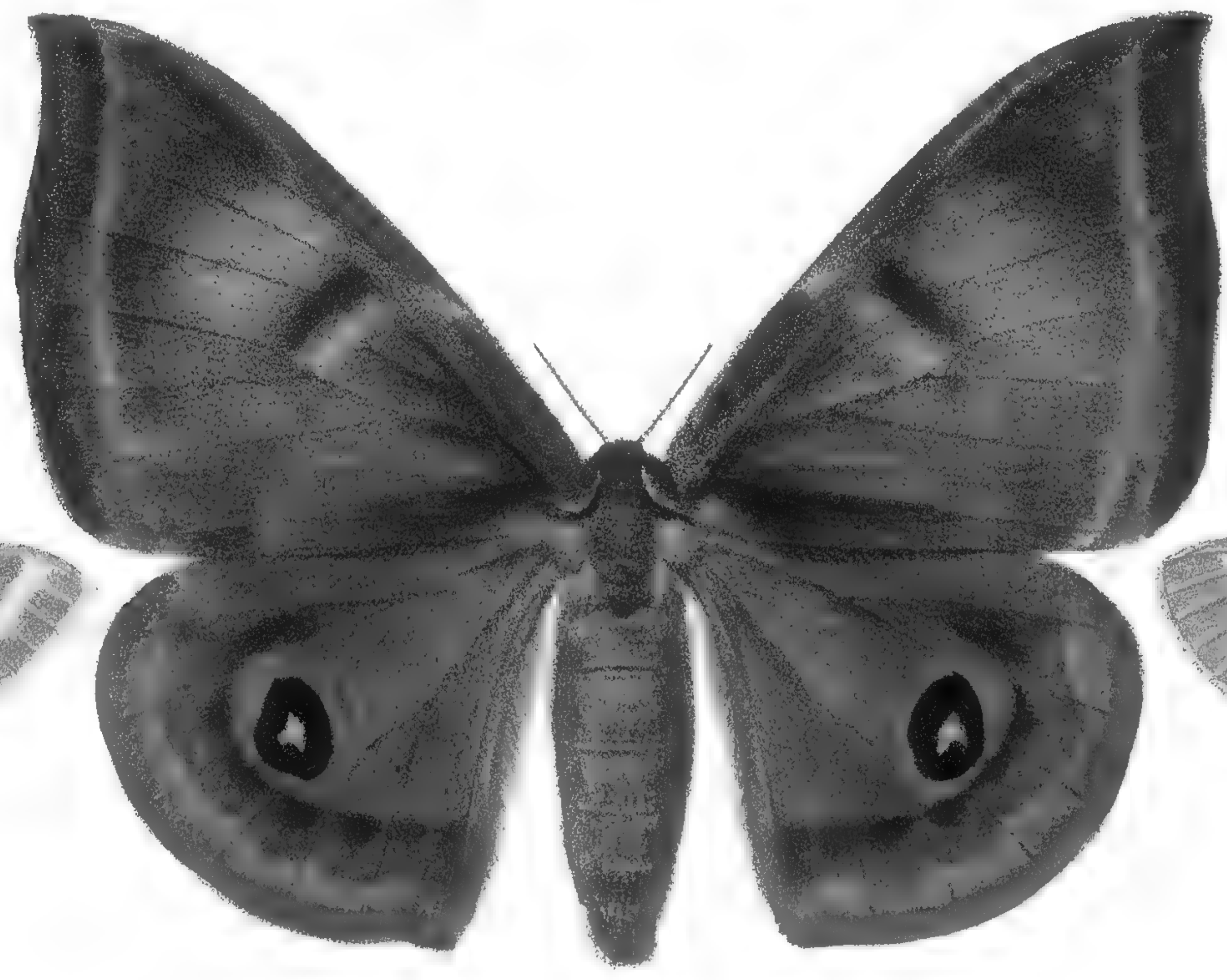
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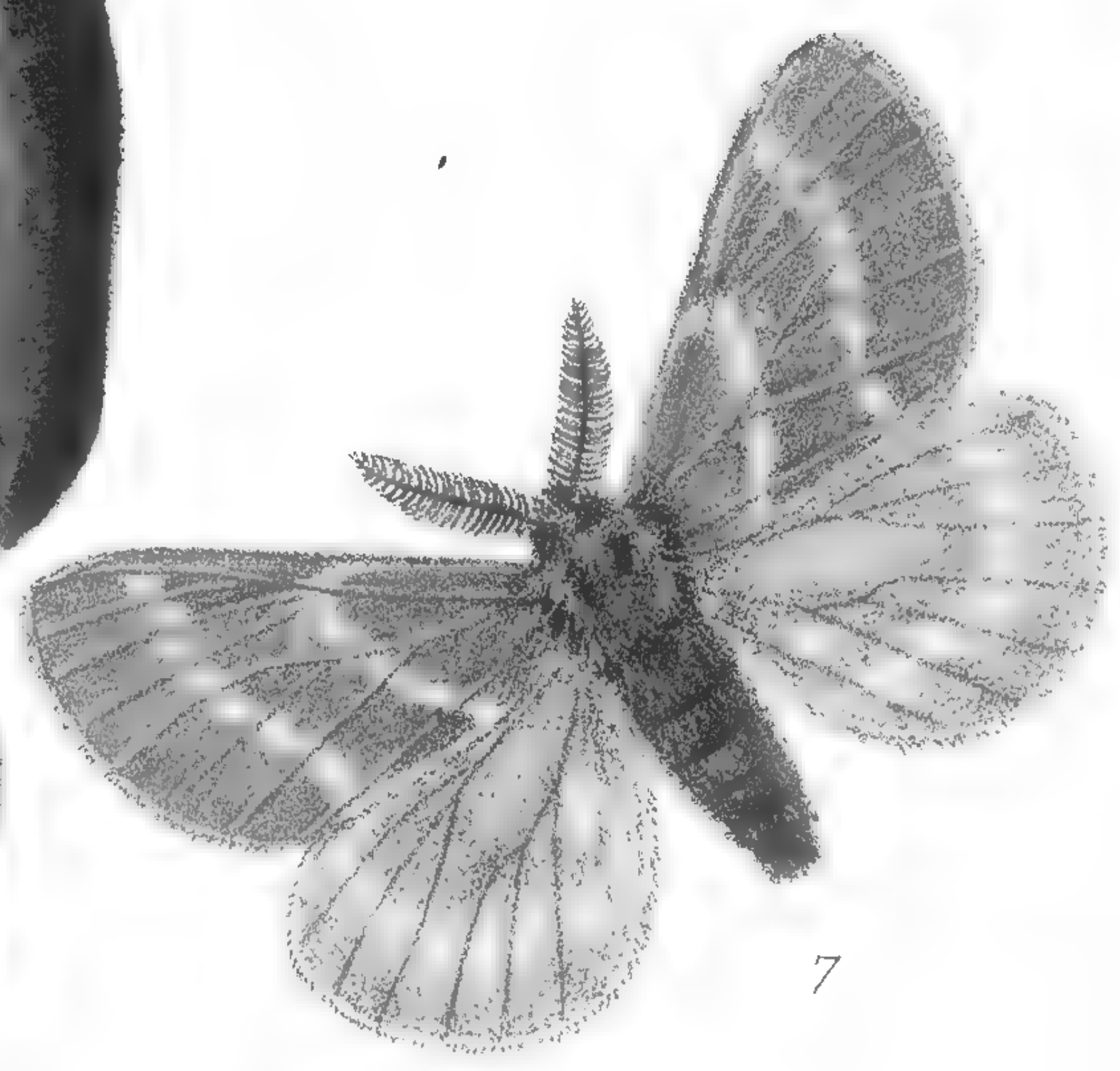
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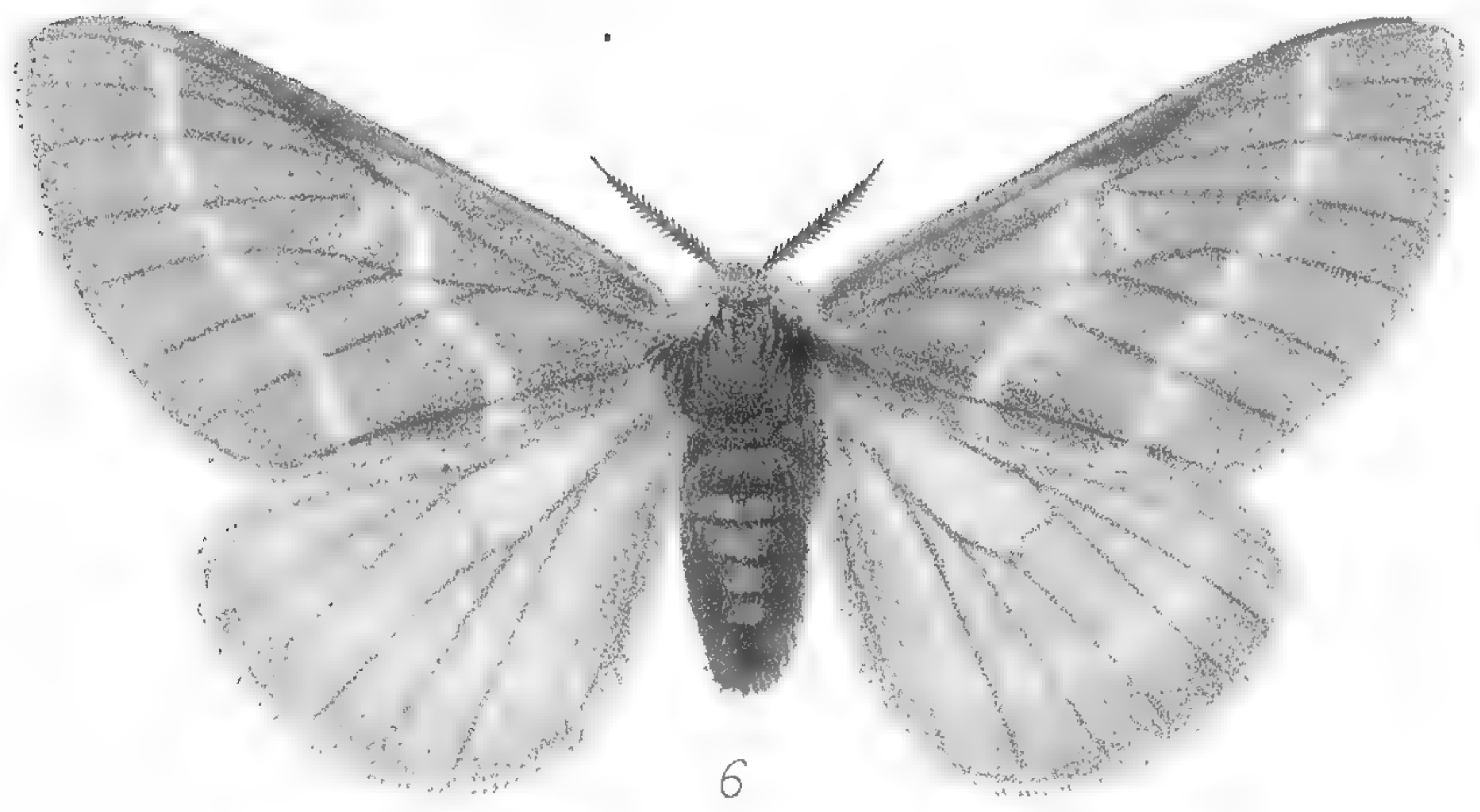
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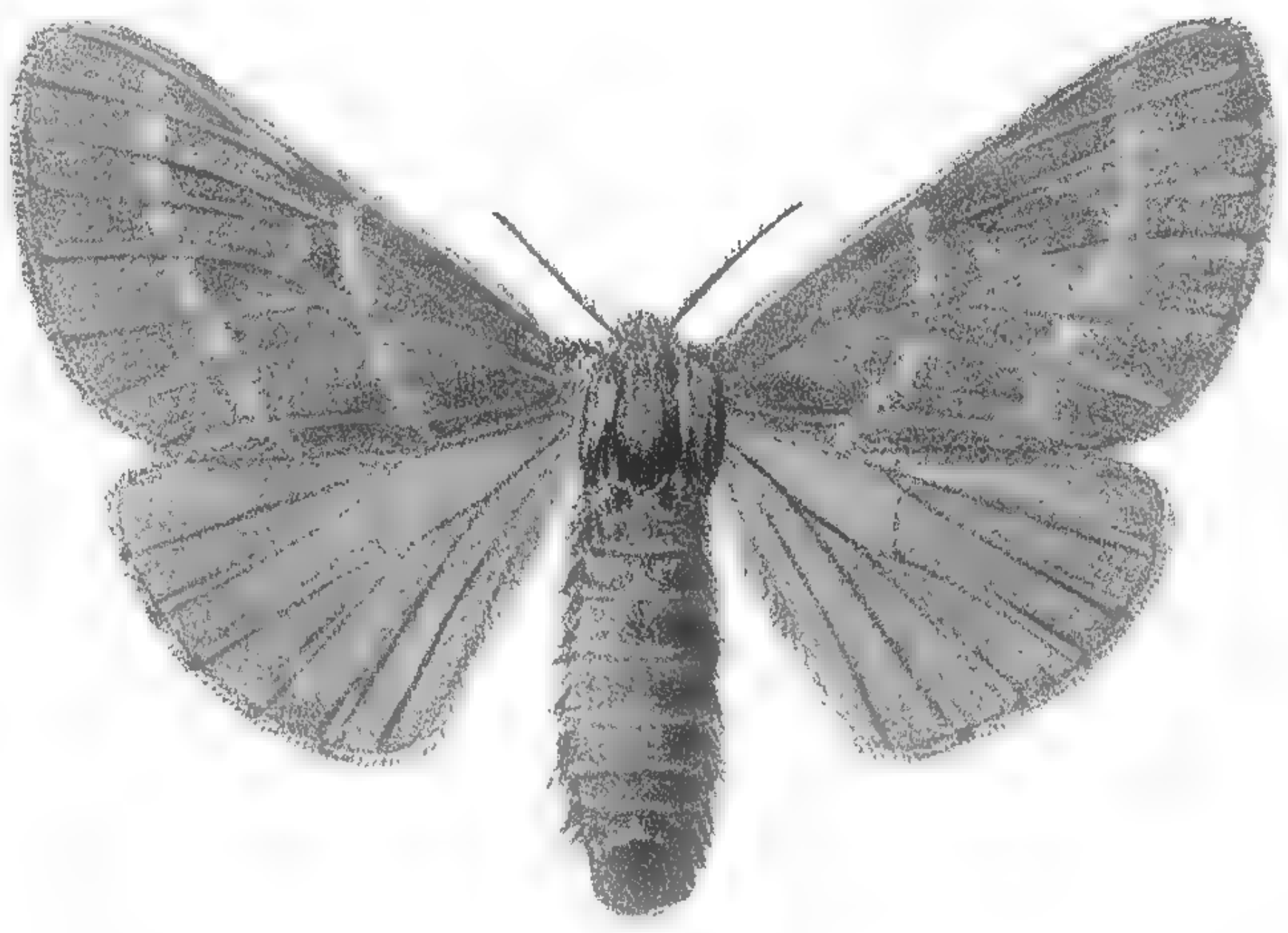
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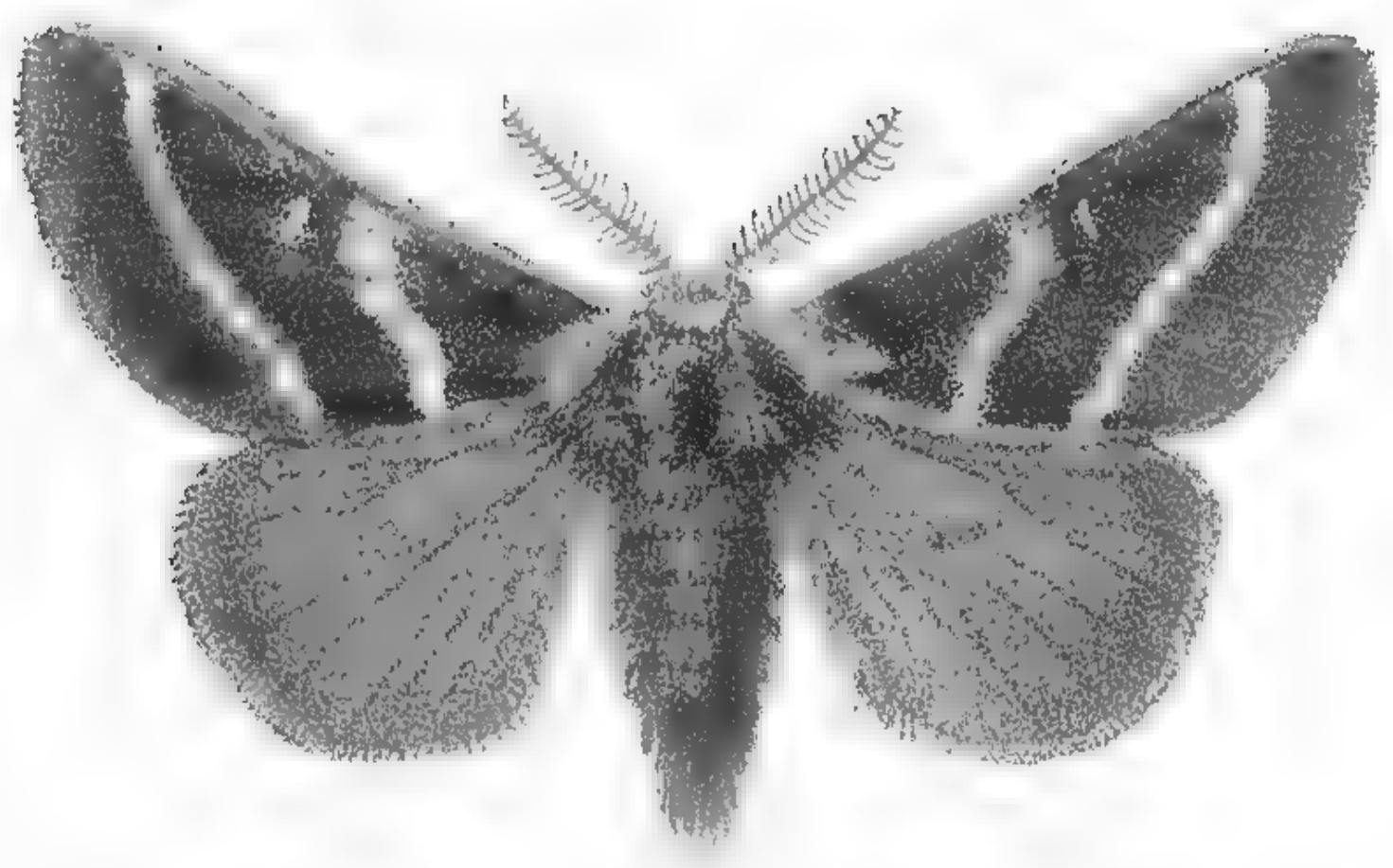
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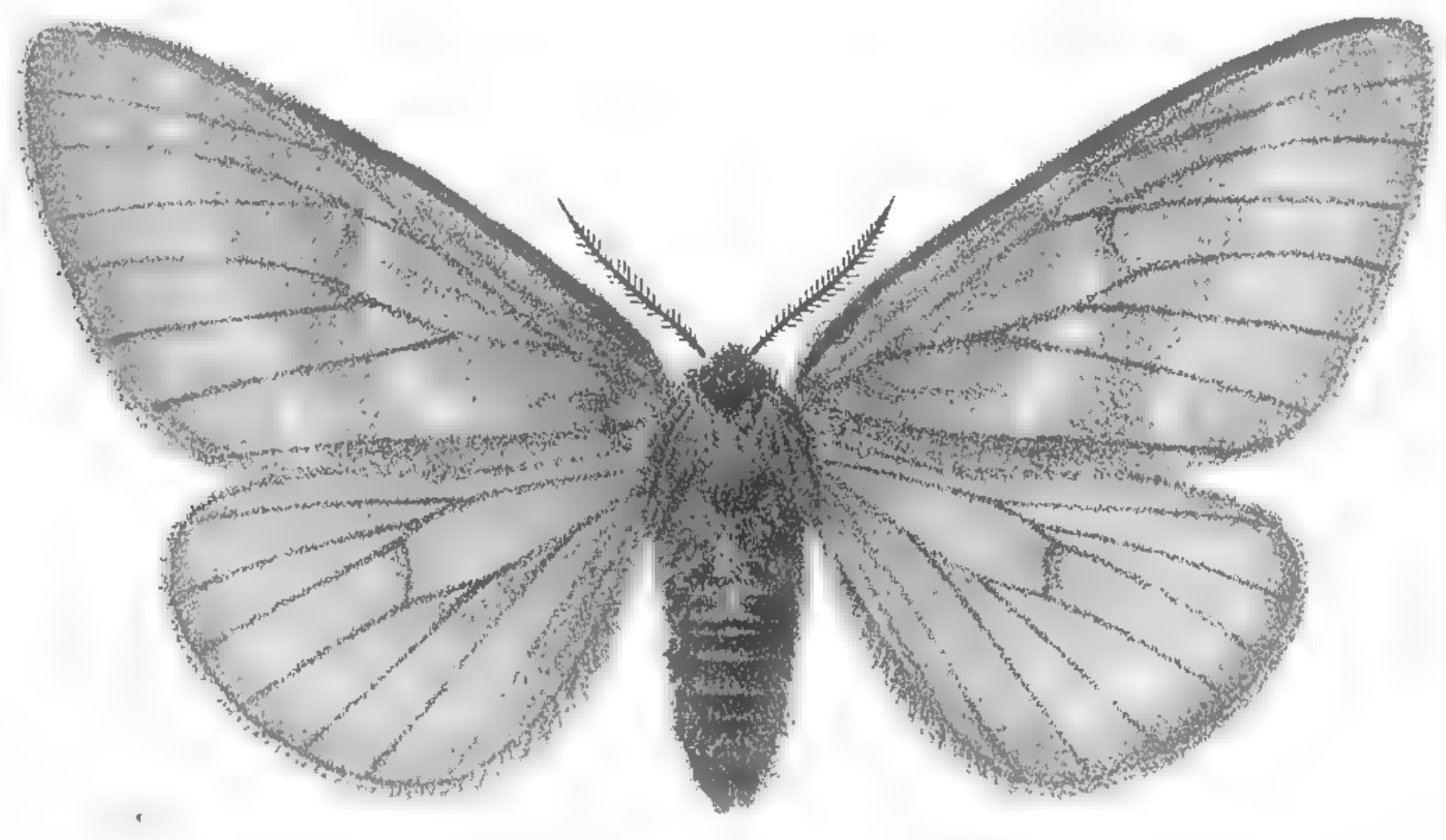
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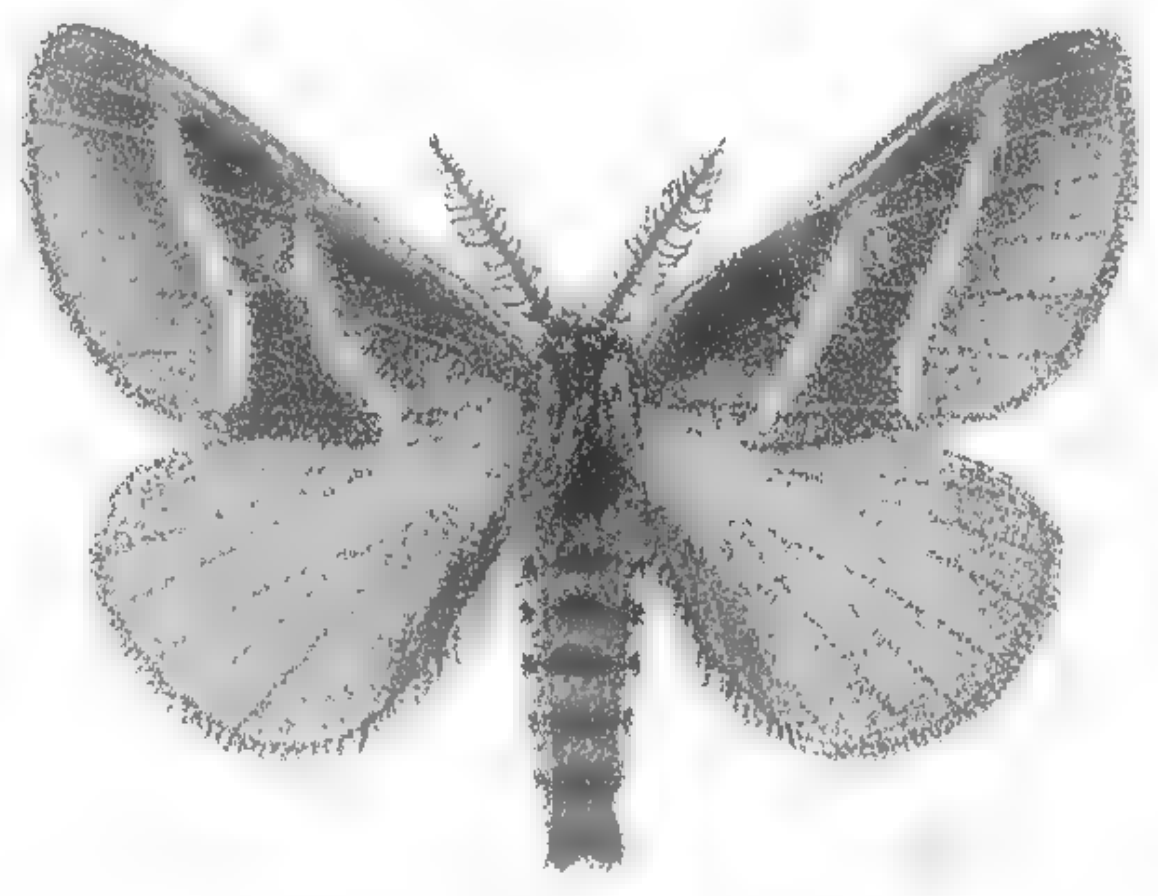
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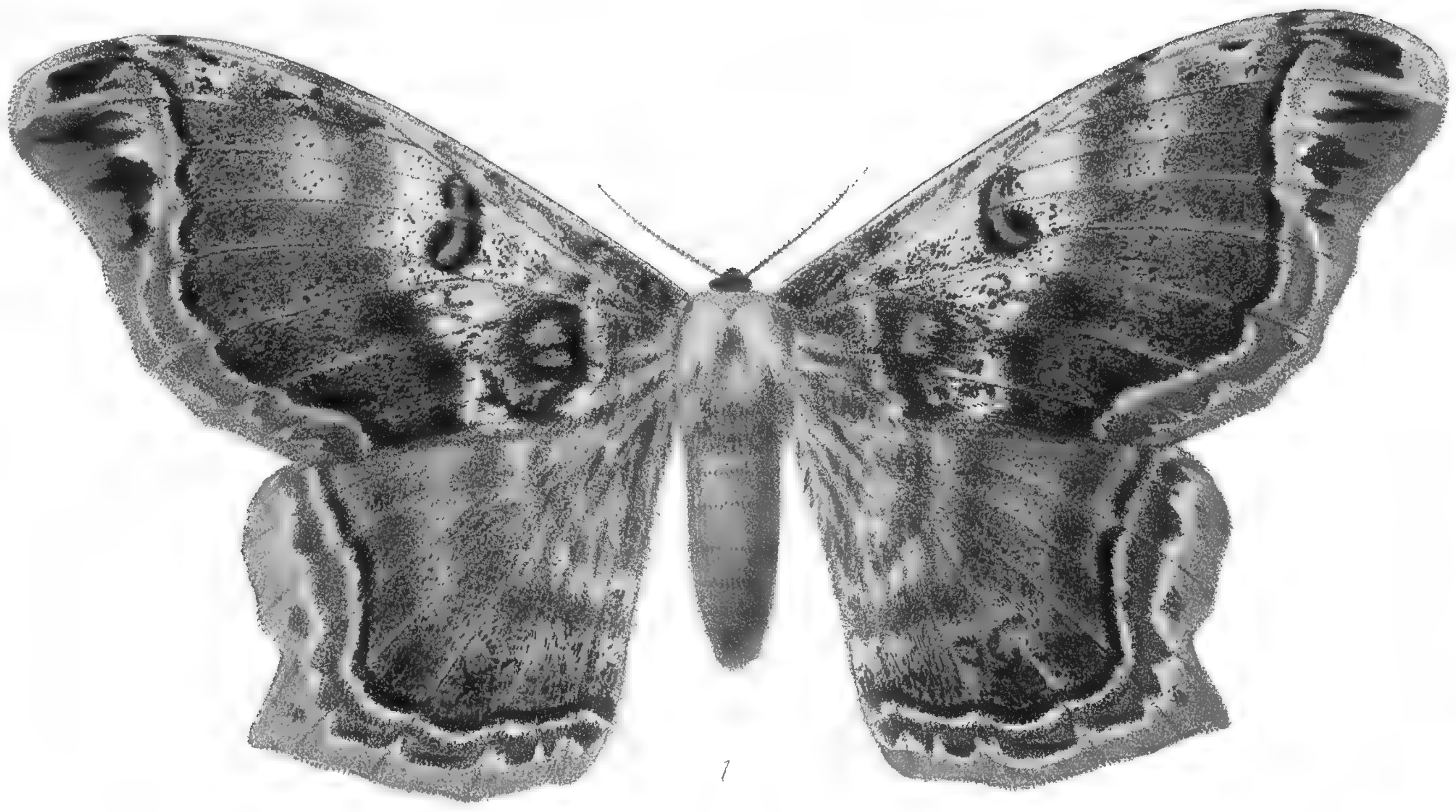
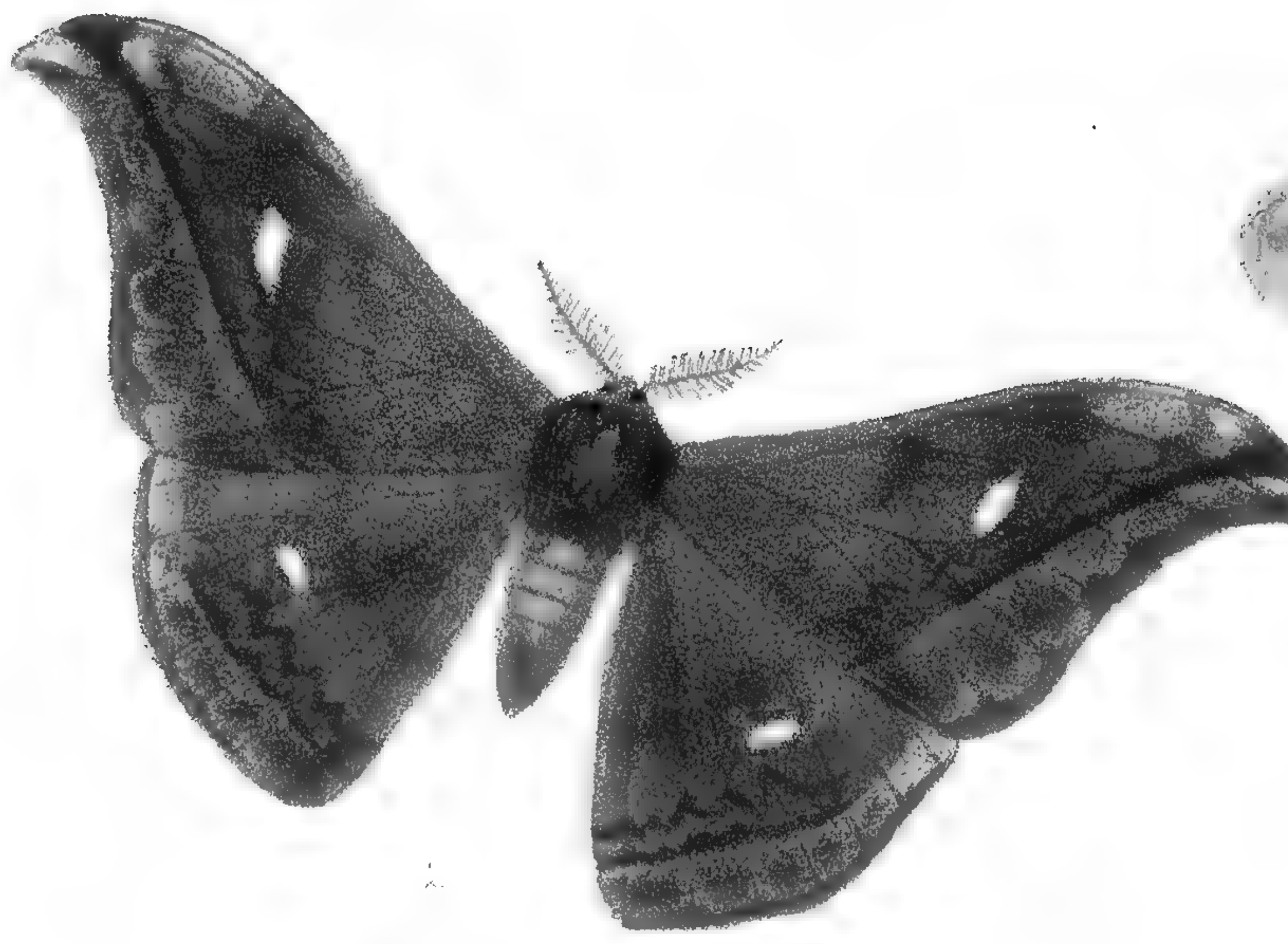
1♂, 2♀ AUTOMERIS ORNEATES.
3♂ EULEUCOPHÆUS LARES.

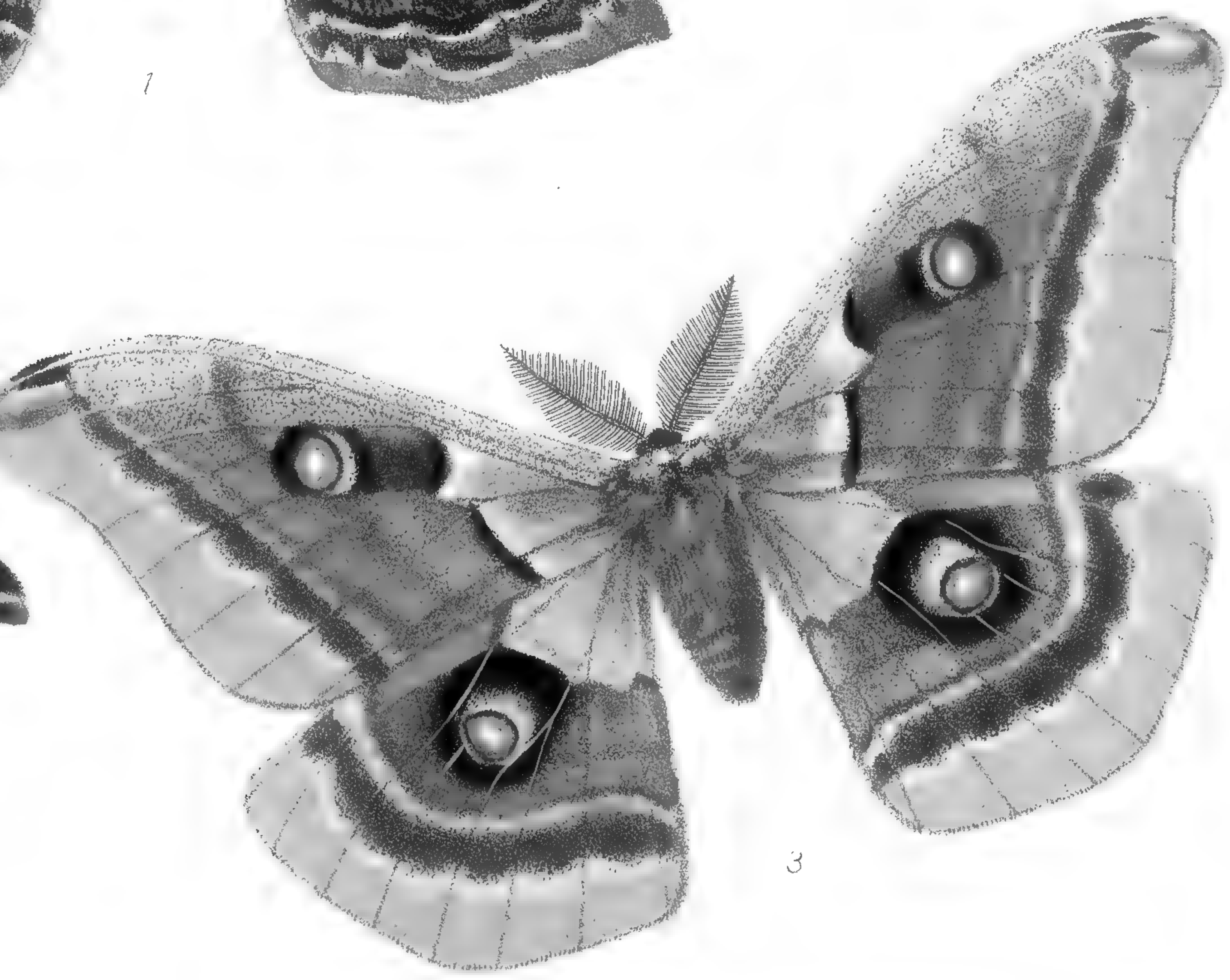
4♂ EULEUCOPHÆUS LEX.
5♂, 6♀ " MANIA.
7♂, 8♀ " NORBA.

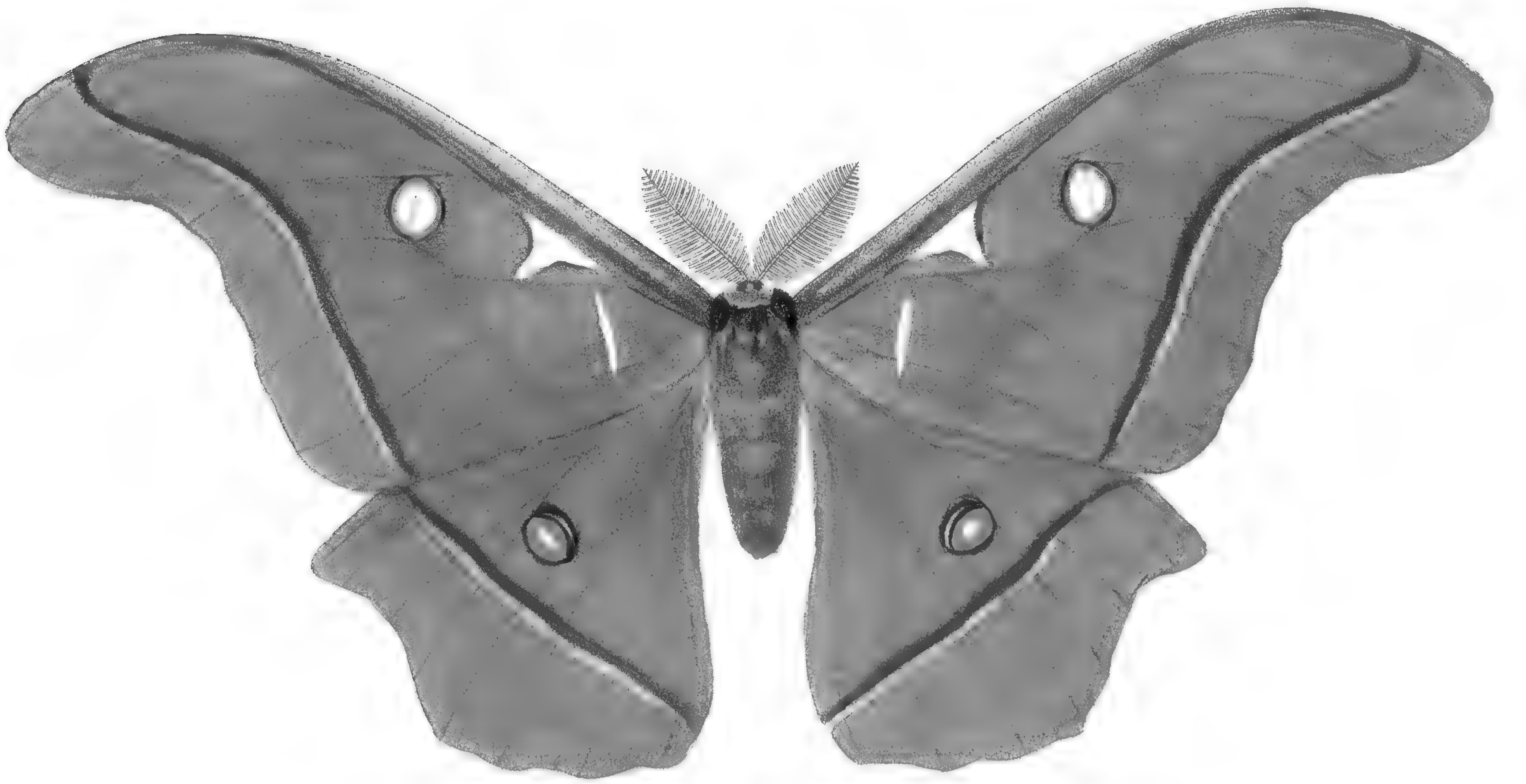
9♂ EULEUCOPHÆUS NITRIA.
10♀, 11♂ " NUMA.

W. Purkiss lith. Hanhart imp.









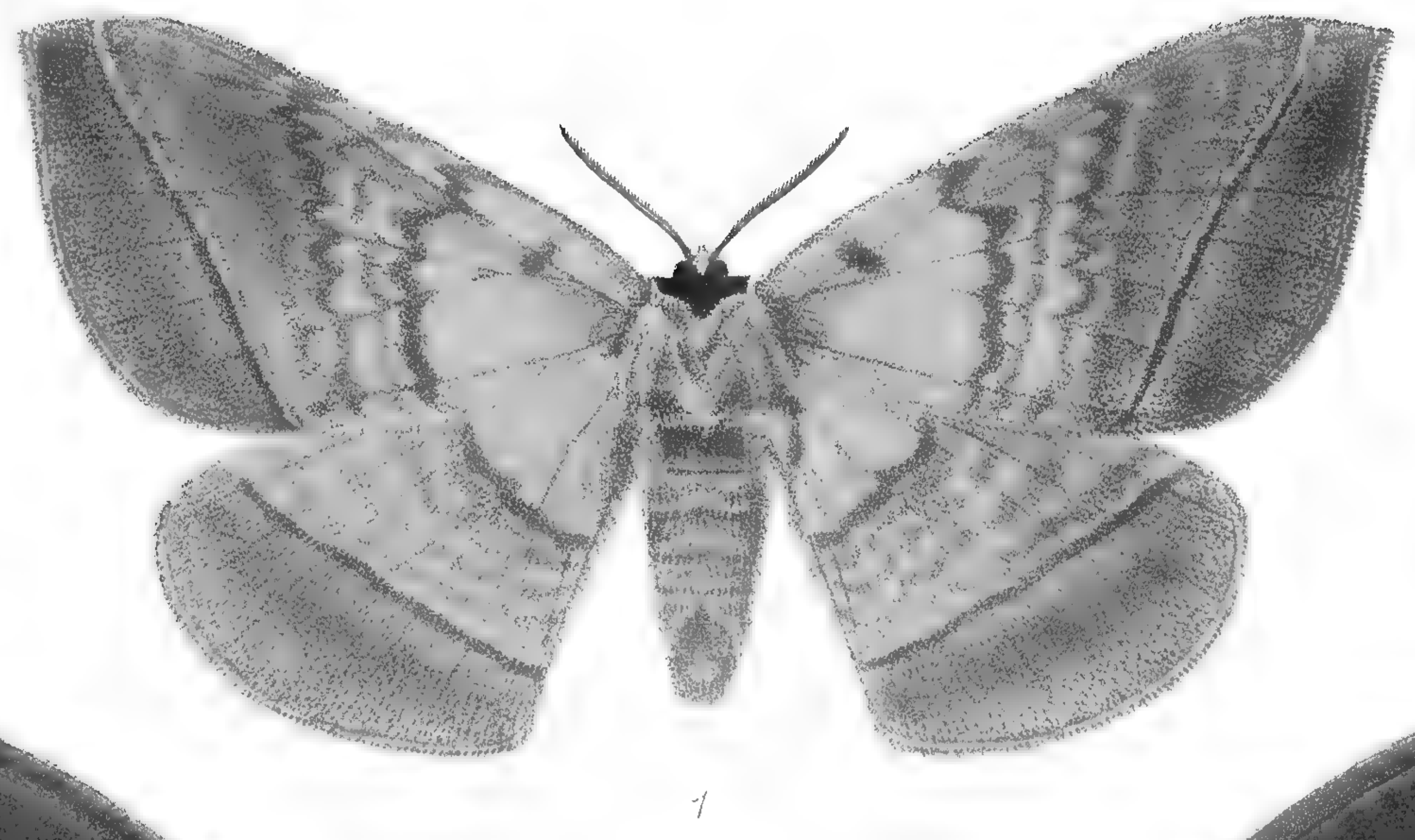
1 ARSENURA RICHARDSONI.

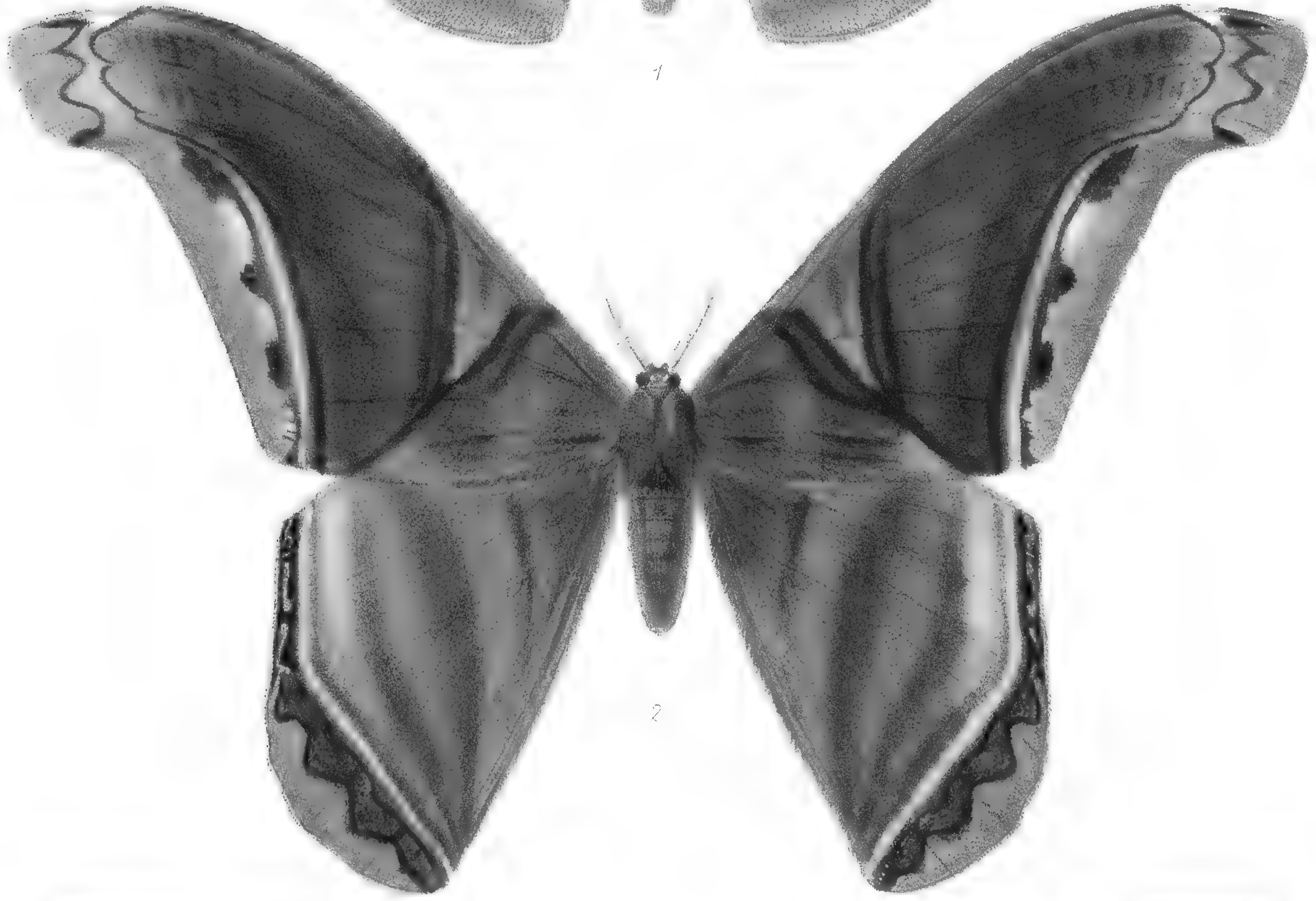
2♂ ATTACUS (?) CYDIPPE.
3♂ TELEA AURELIA.

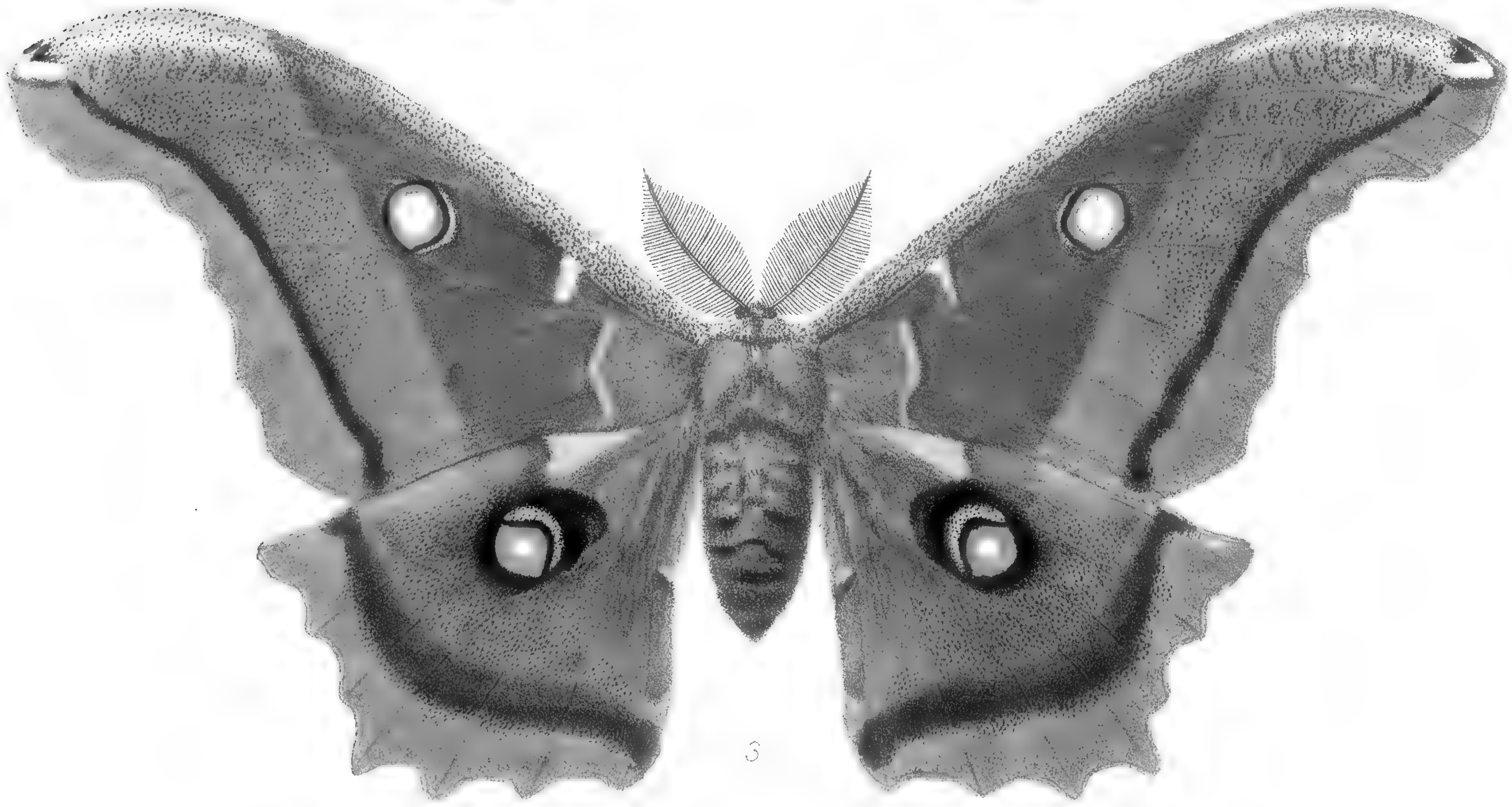
4♂ METOSAMIA GODMANI.

W. Purkiss lith.

Hanhart imp.
696

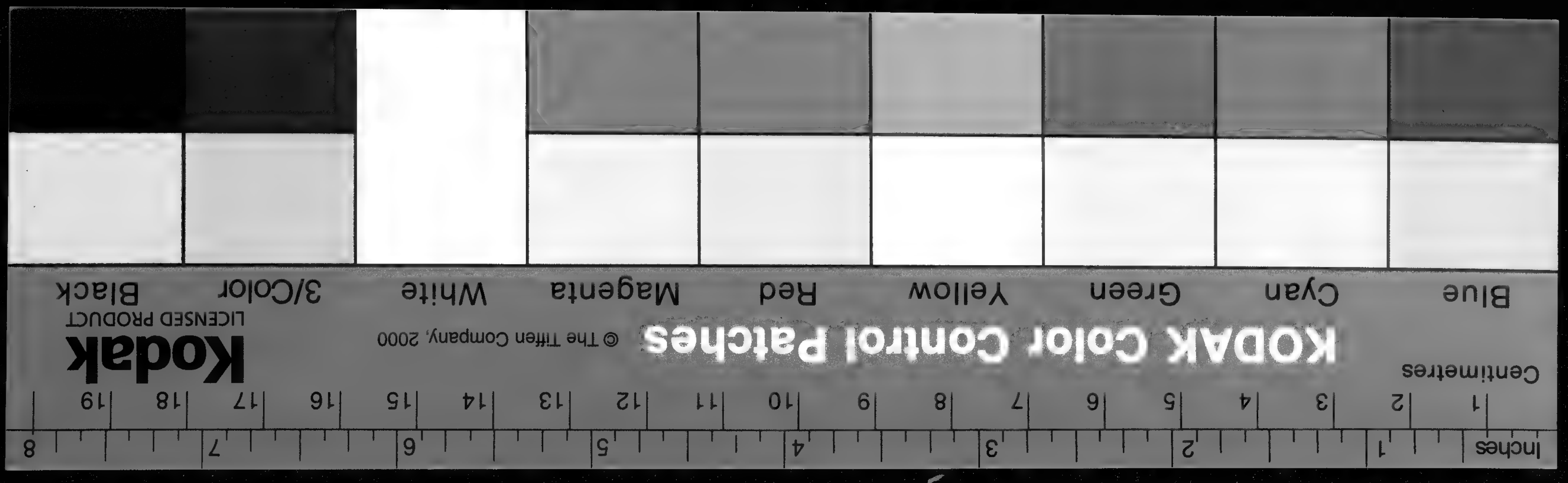






1♀ PREPTOS OROPUS. 2♂ RHESCYNTIS NORAX. 3♂ METOSAMIA MONTEZUMA.

W. Purkiss lith. Hanhart imp. 697.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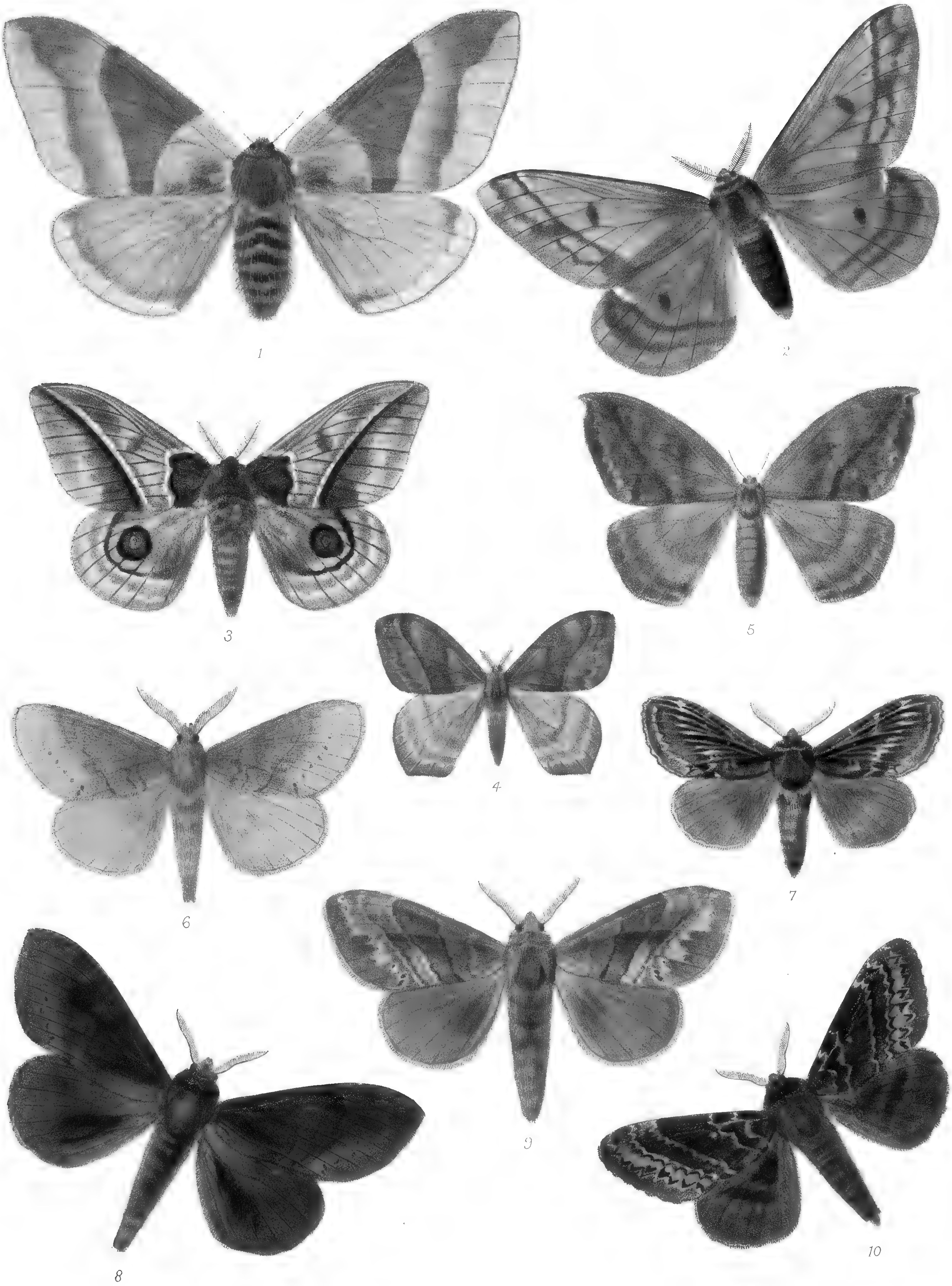
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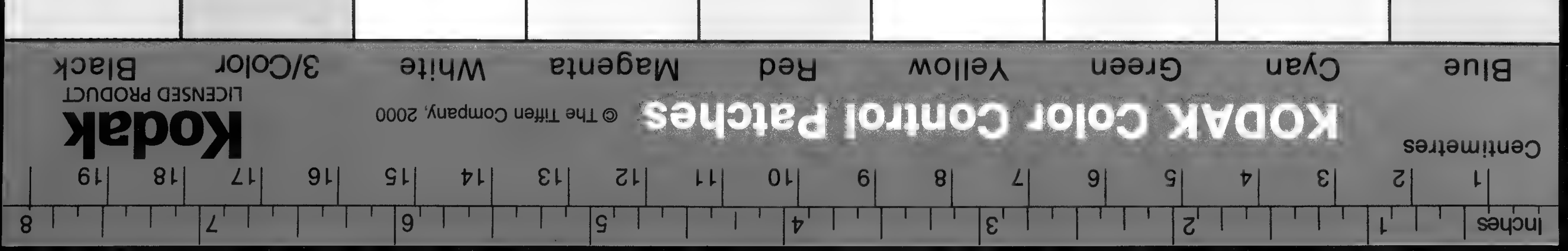
1♀ ORMISCODES NORA.
2♂ » MANES.
3♂ DIRPHIA MÆONIA.

4♂. 5♀ LONOMIA ÆNEIDES.
6♂ EUTRICHA CROSSÆA.
7♂ GLOVERIA VENERABILIS.

8♂ EUTRICHA NOX.
9♂ » CONRADTI.
10♂ » DENDA.

W. Purkiss lith.

Hanhart imp.
698.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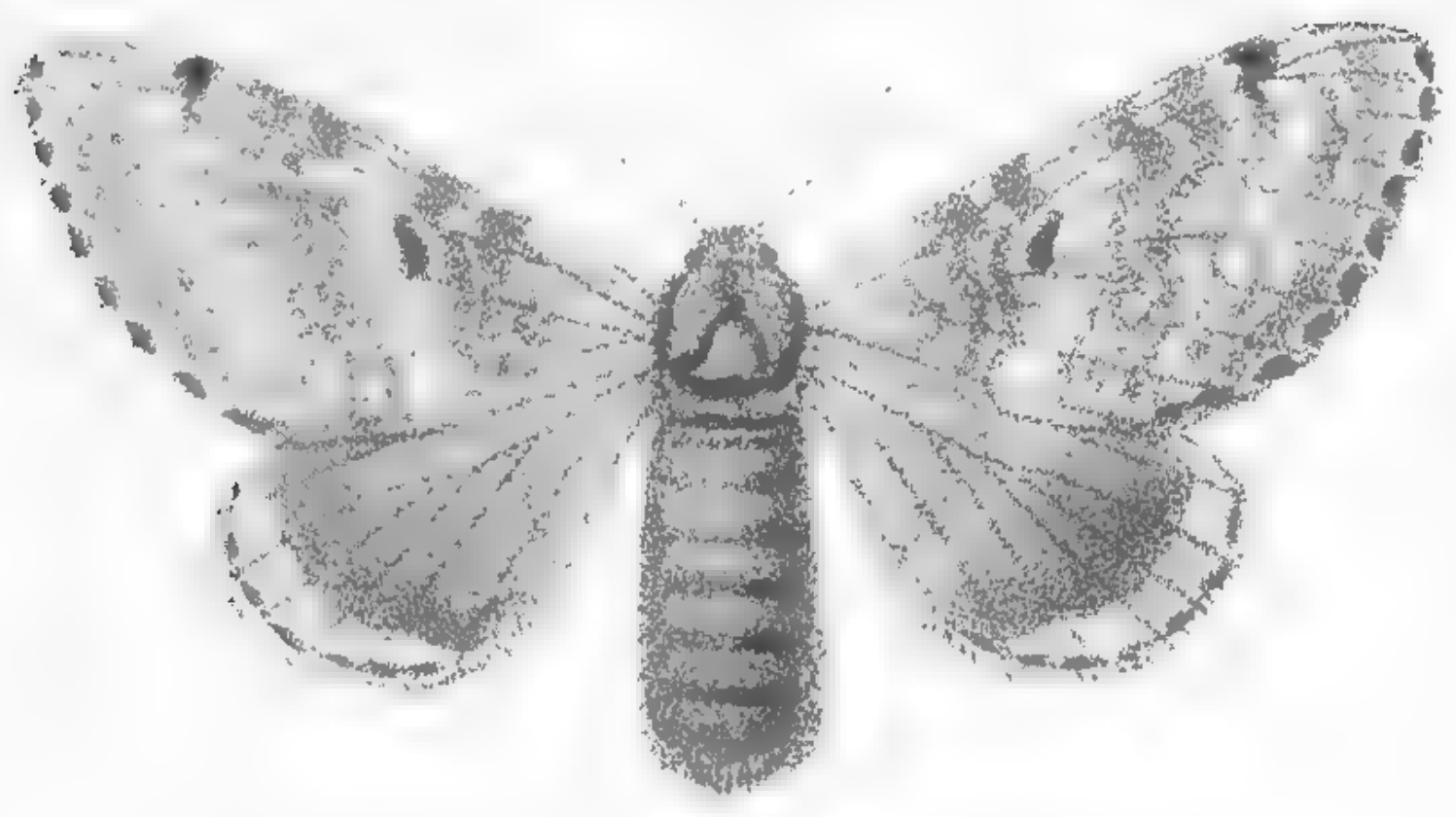
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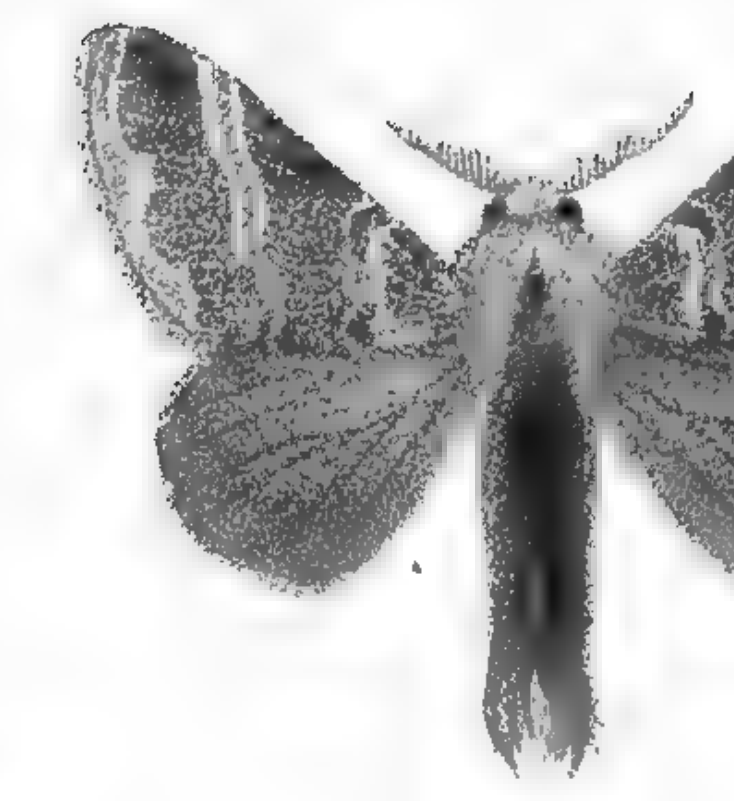
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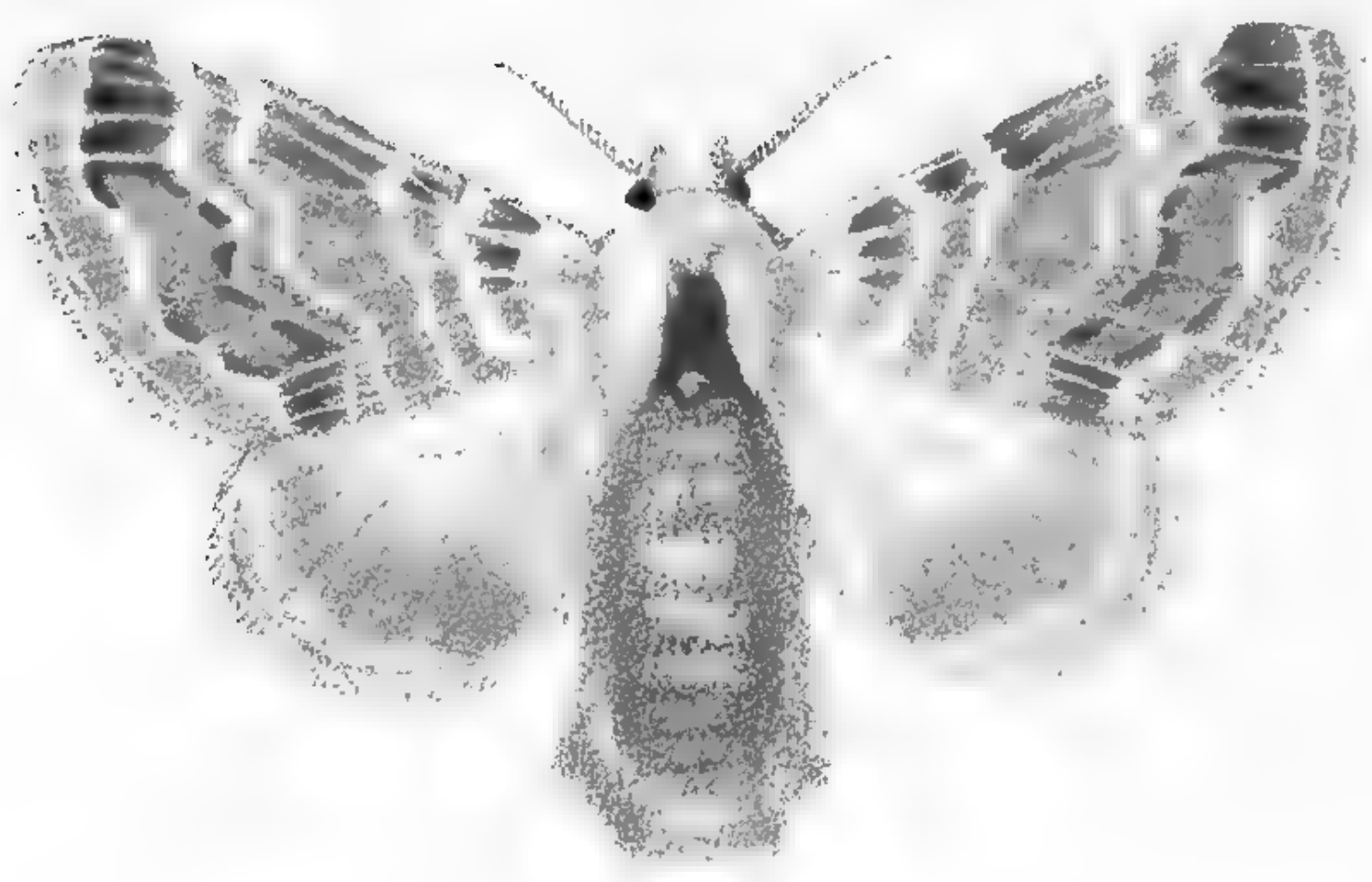
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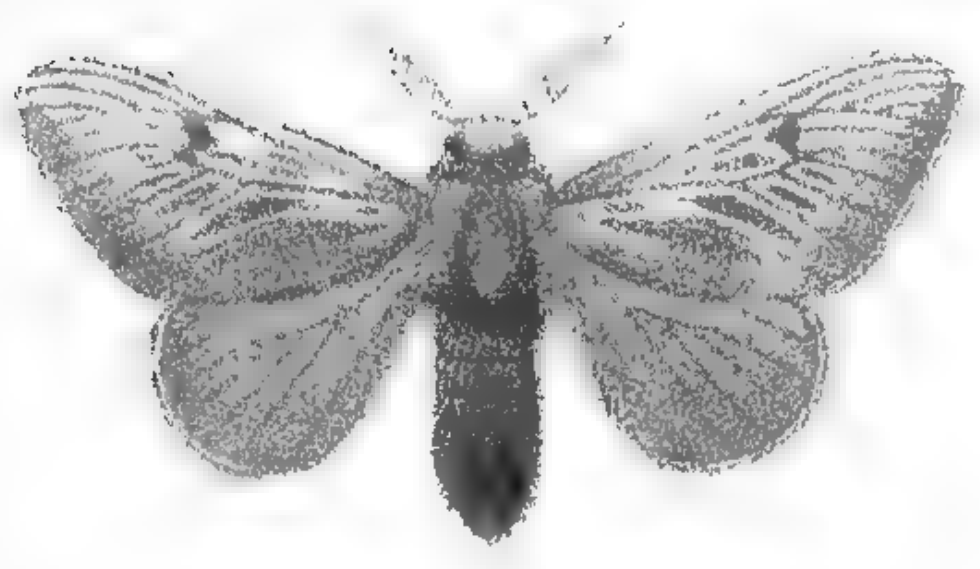
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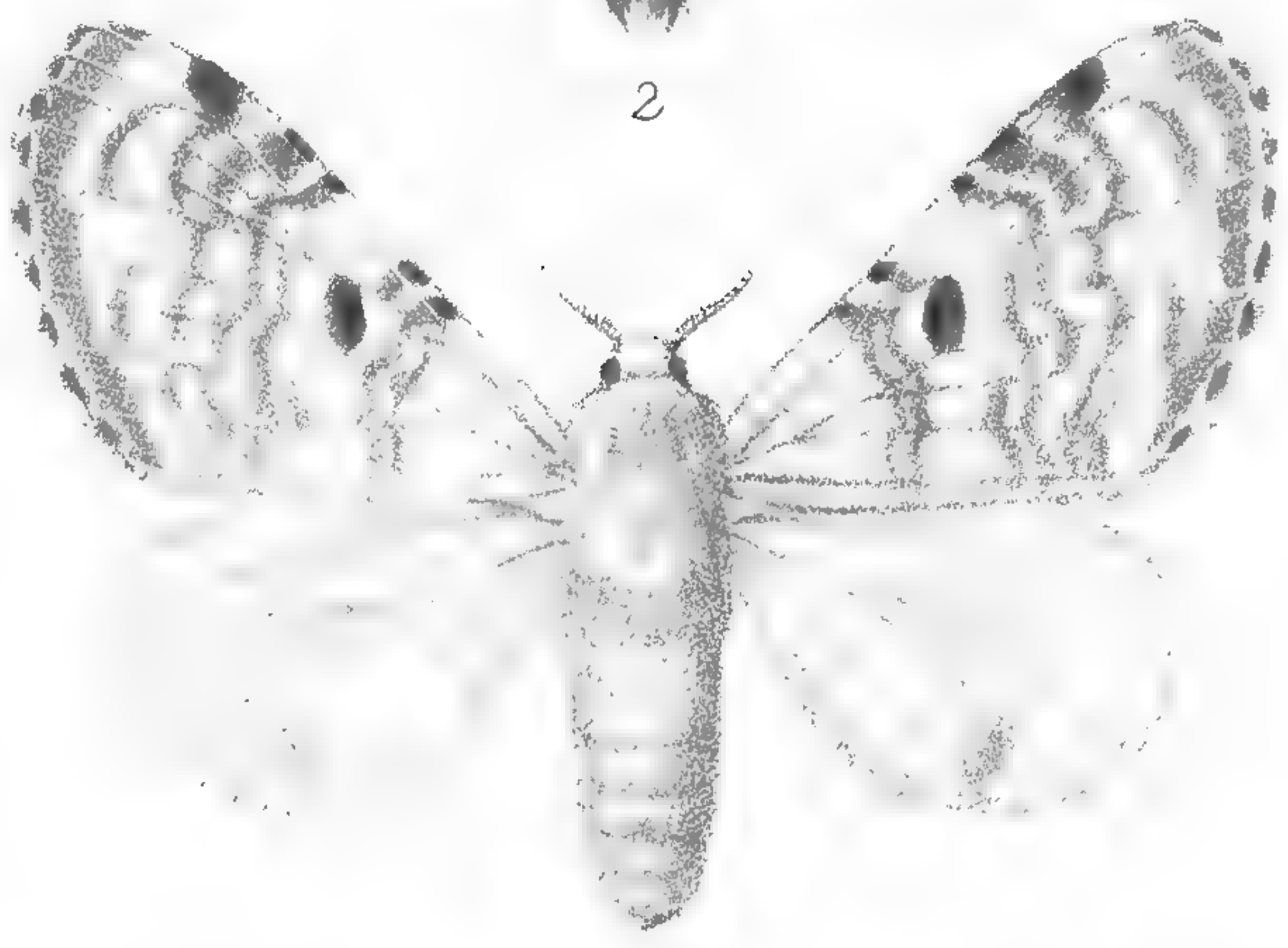
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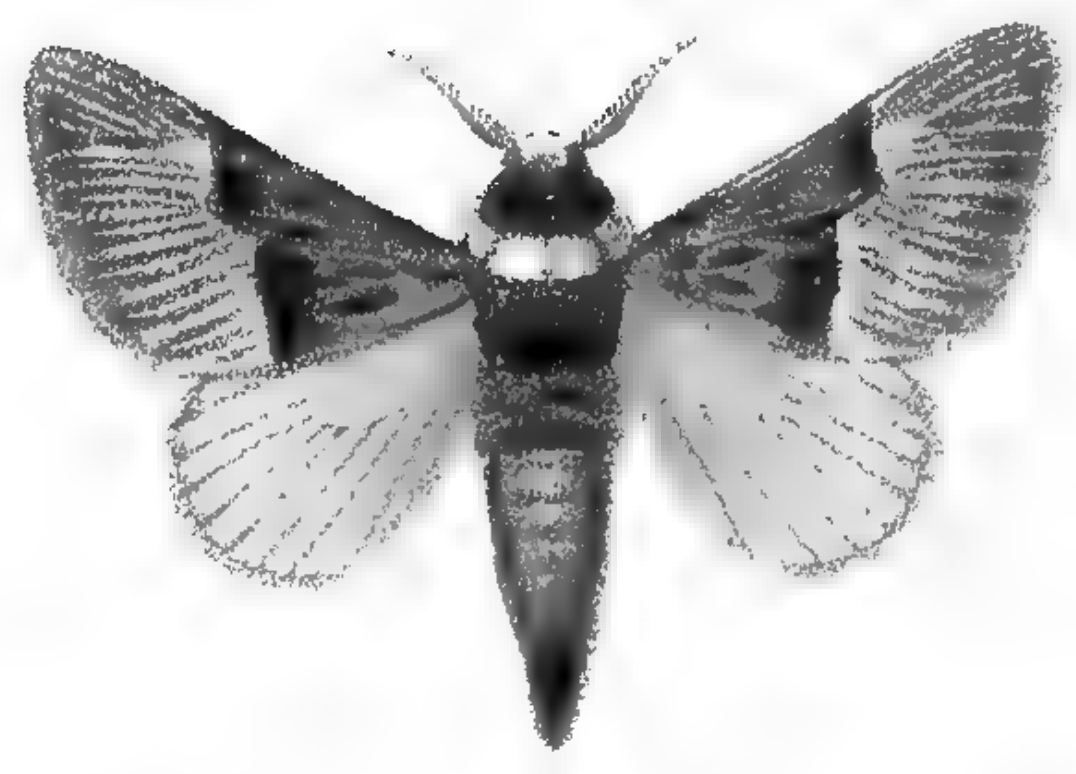
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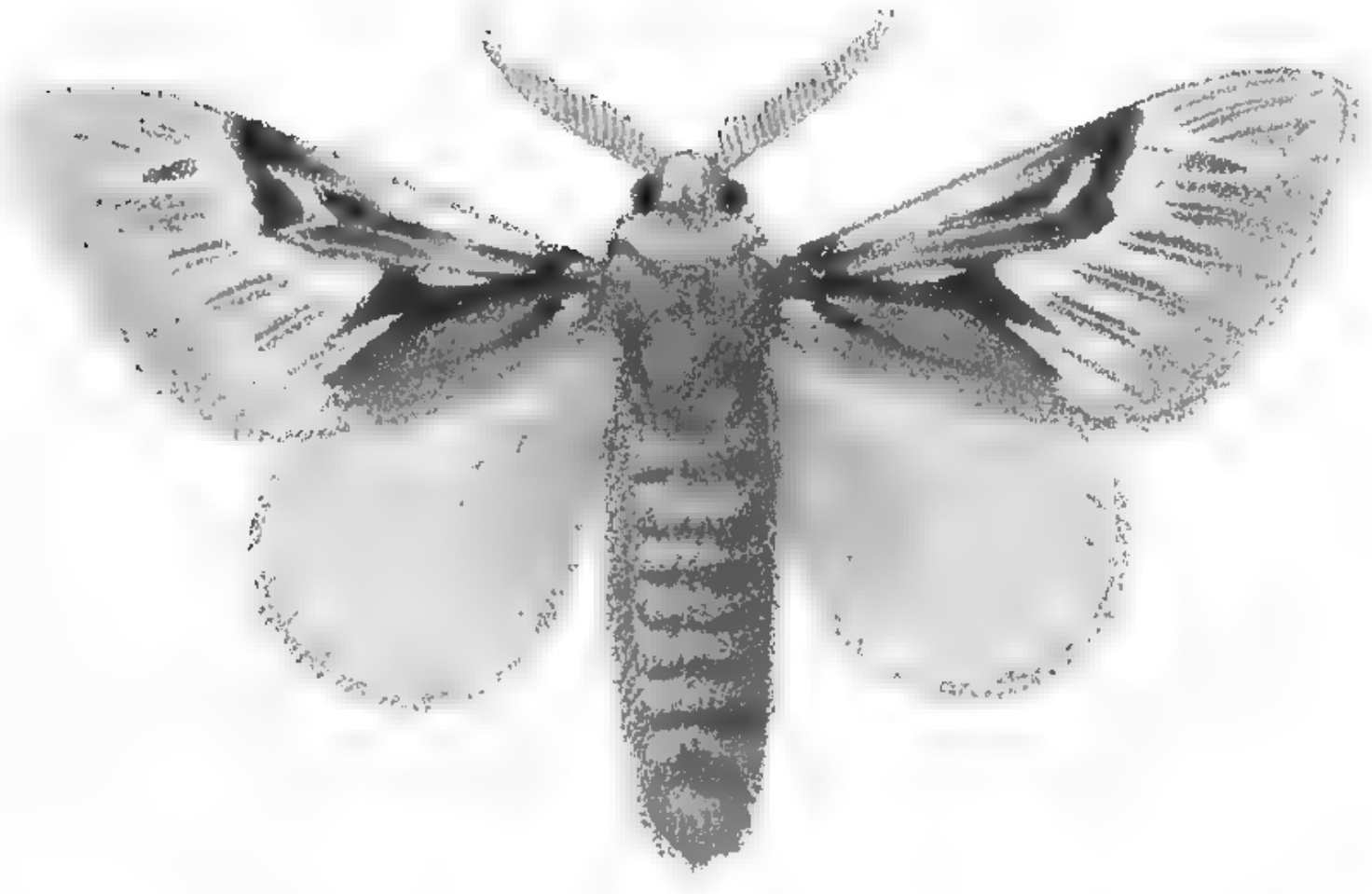
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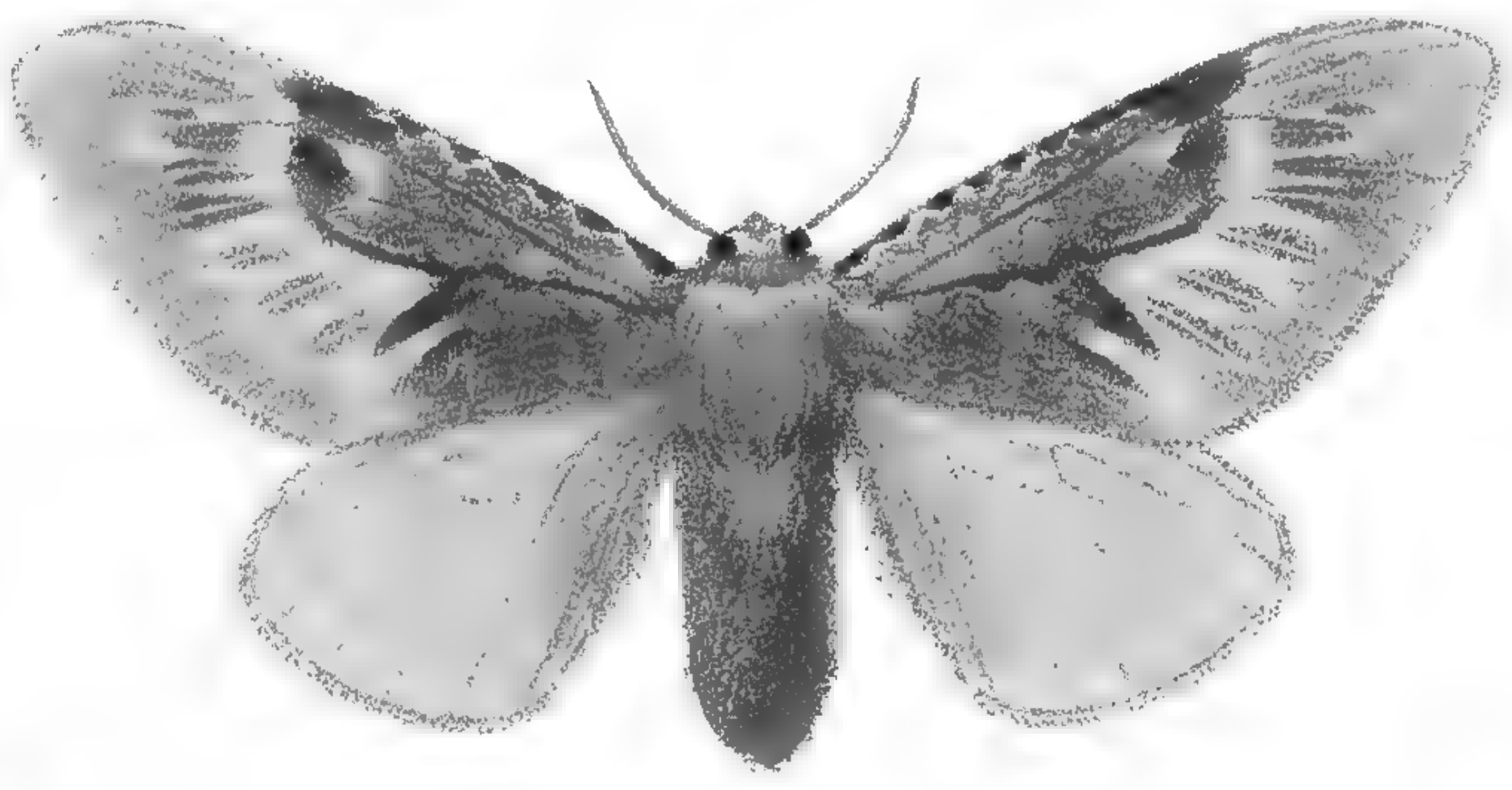
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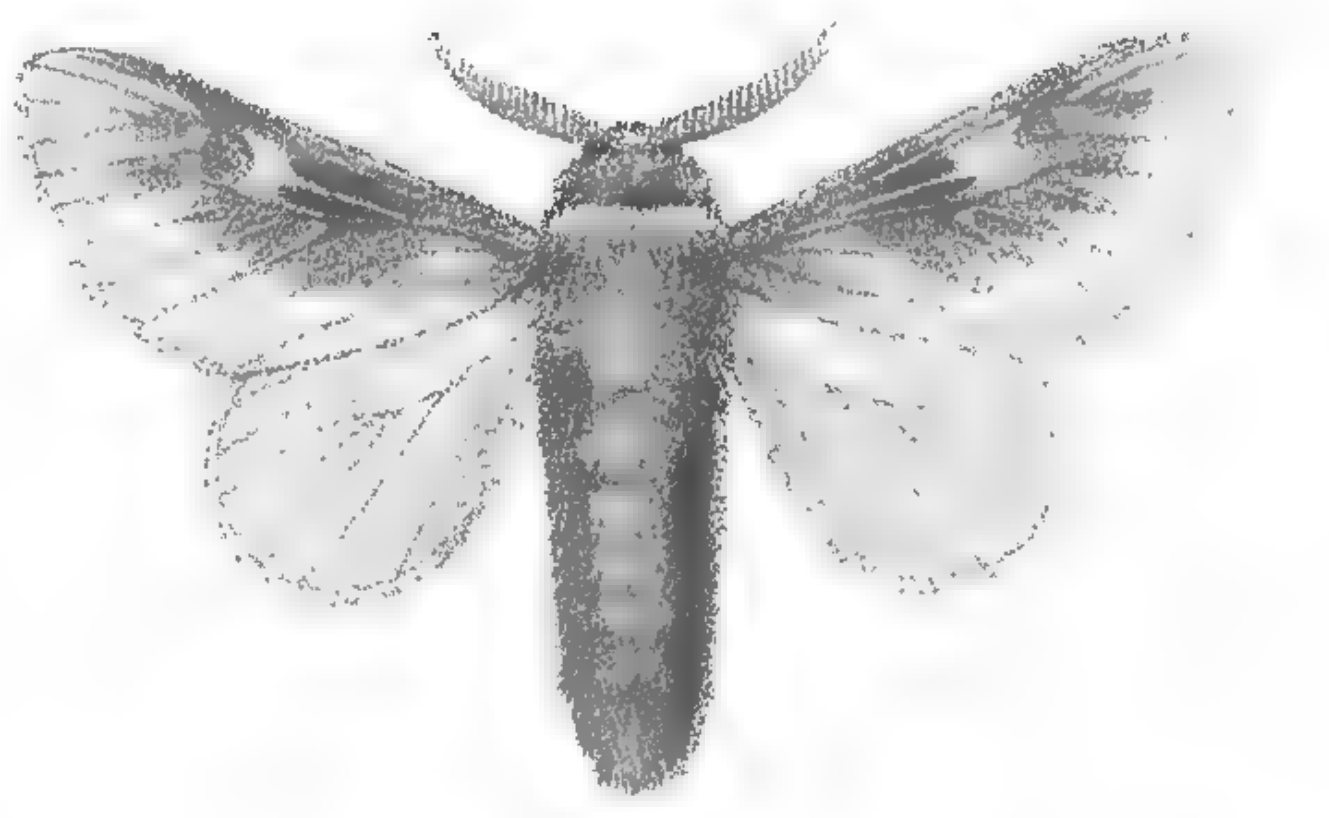
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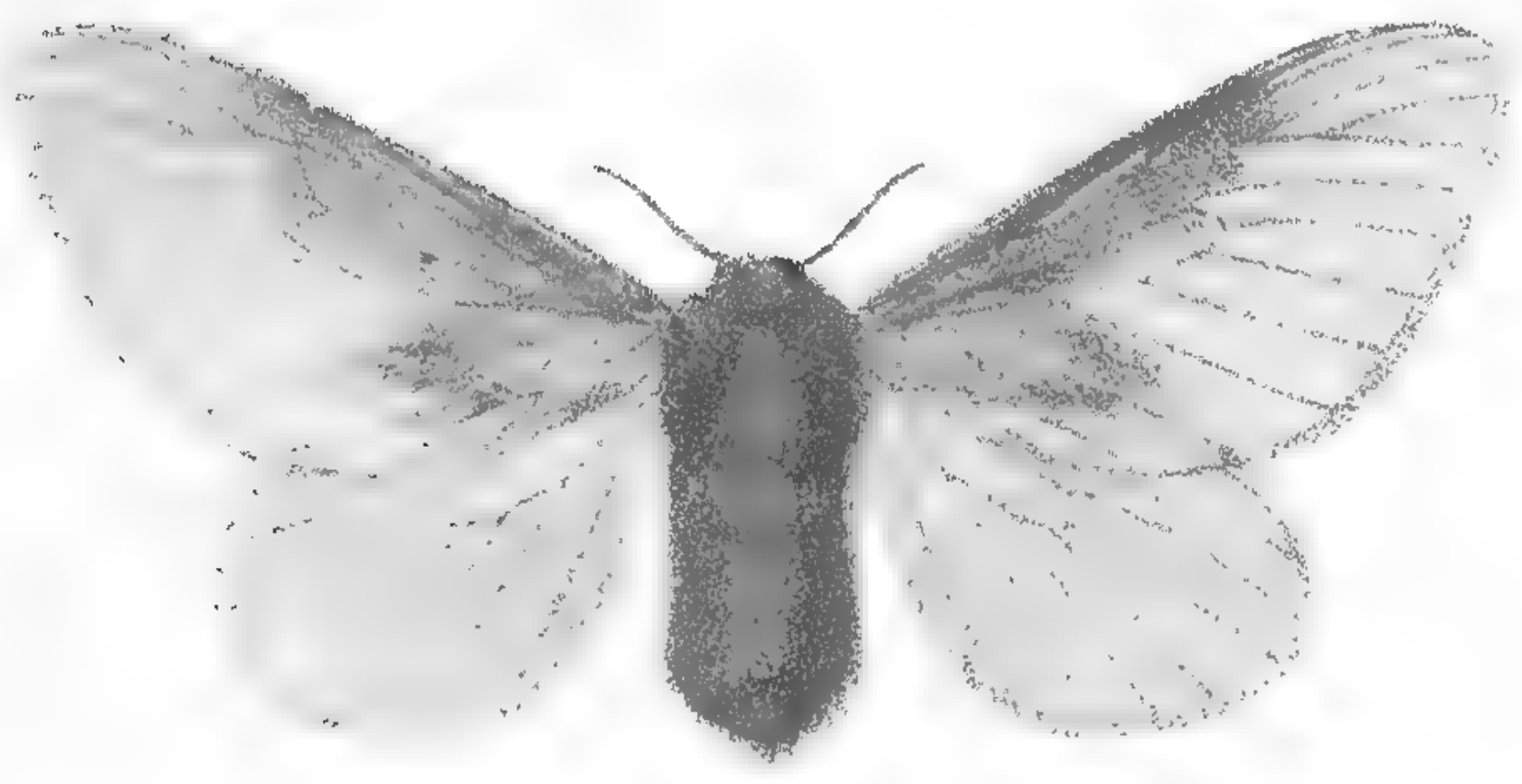
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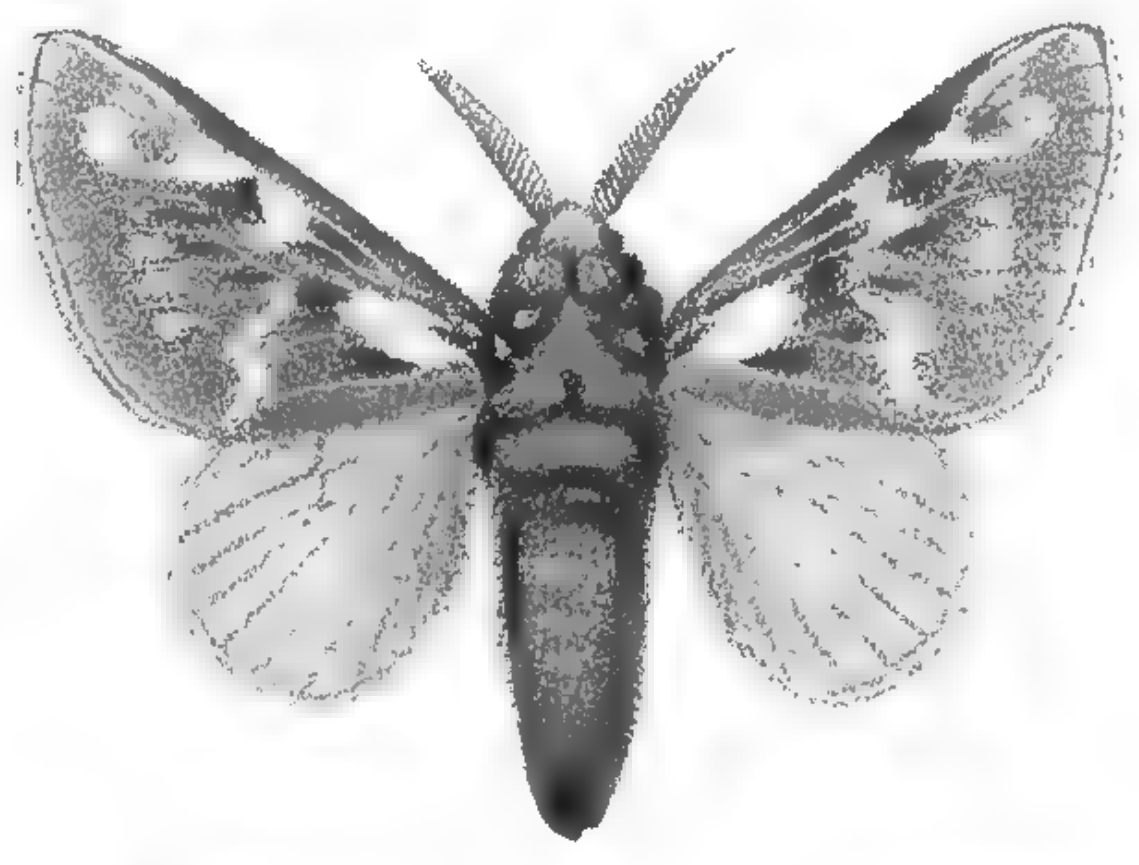
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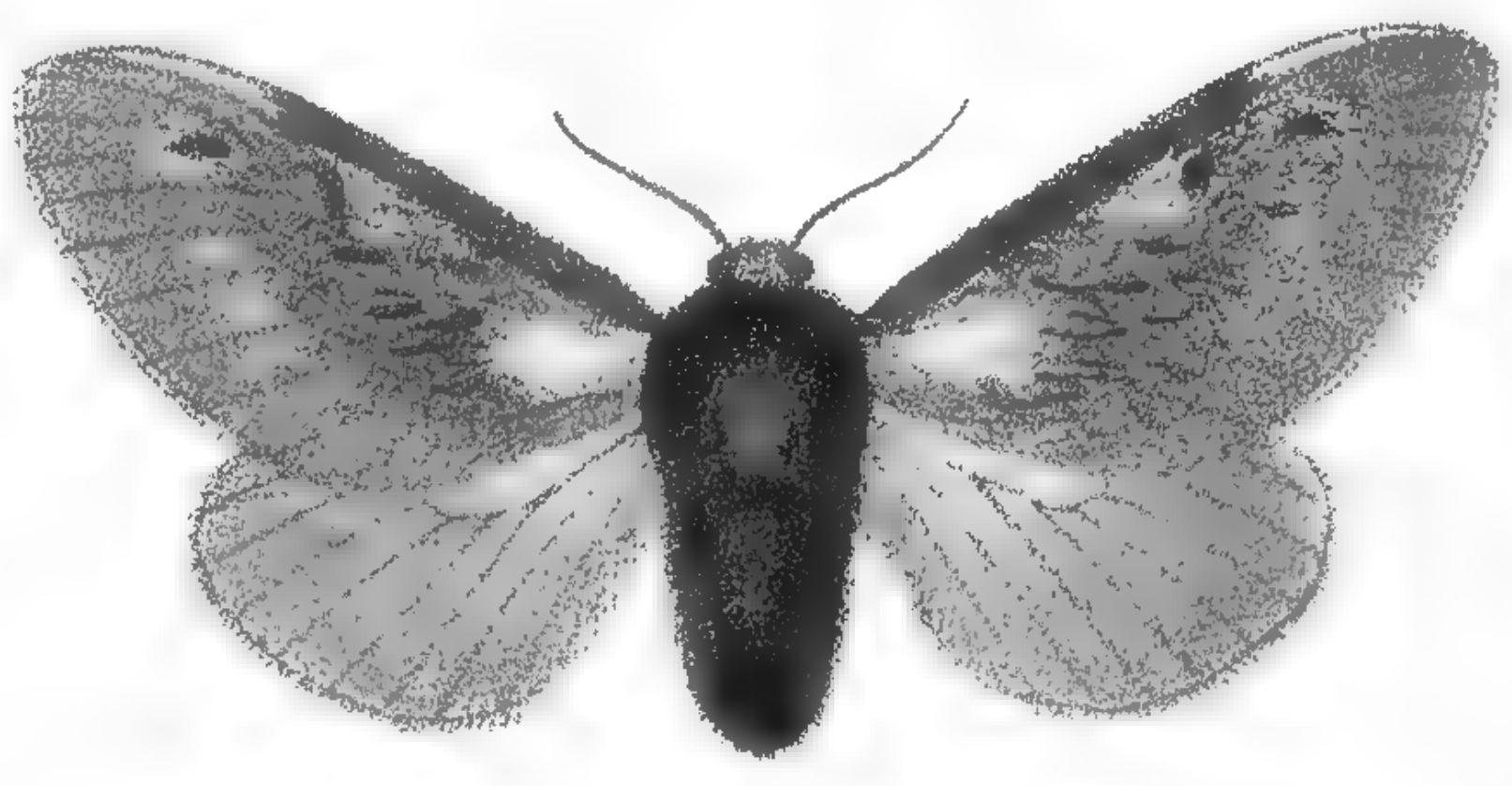
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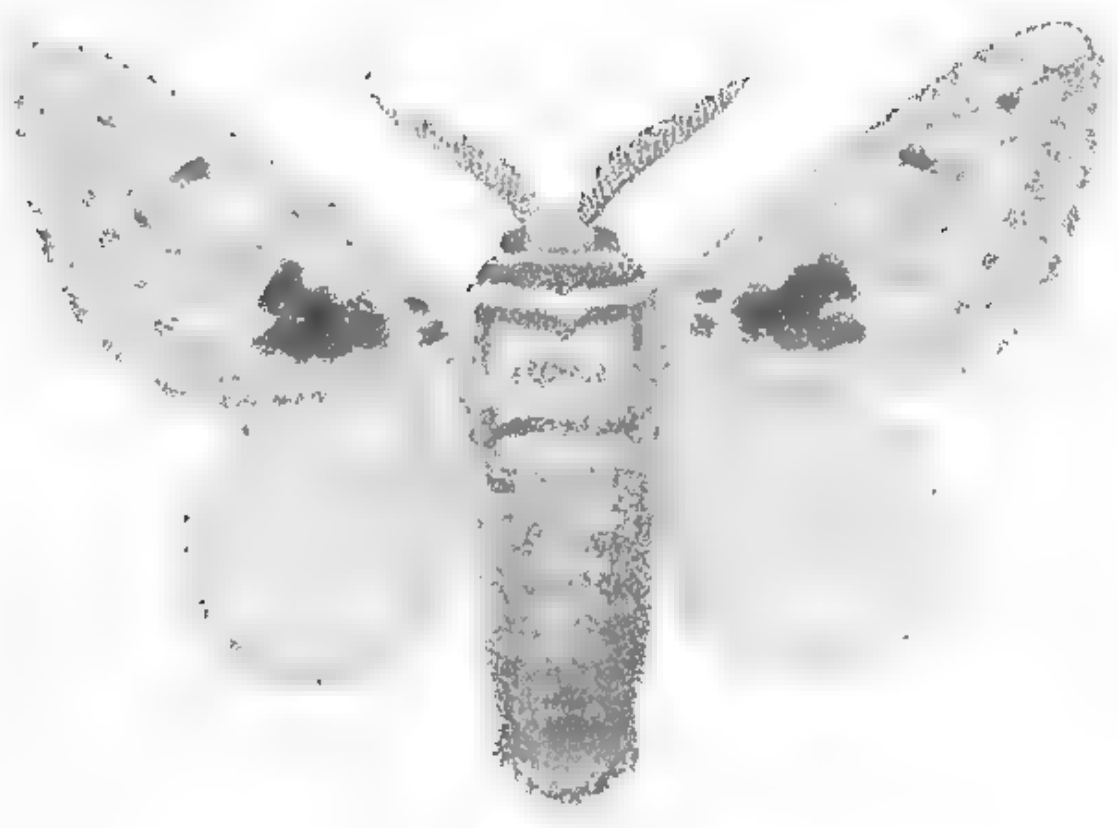
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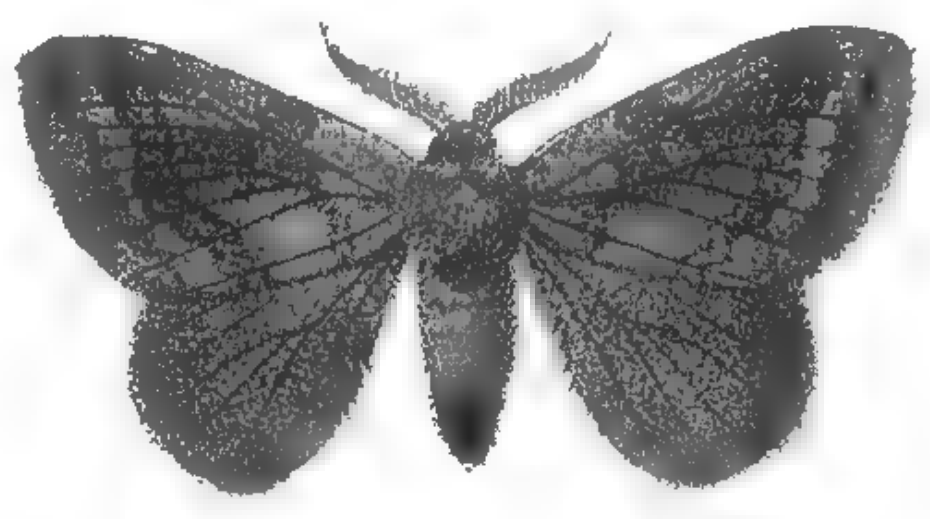
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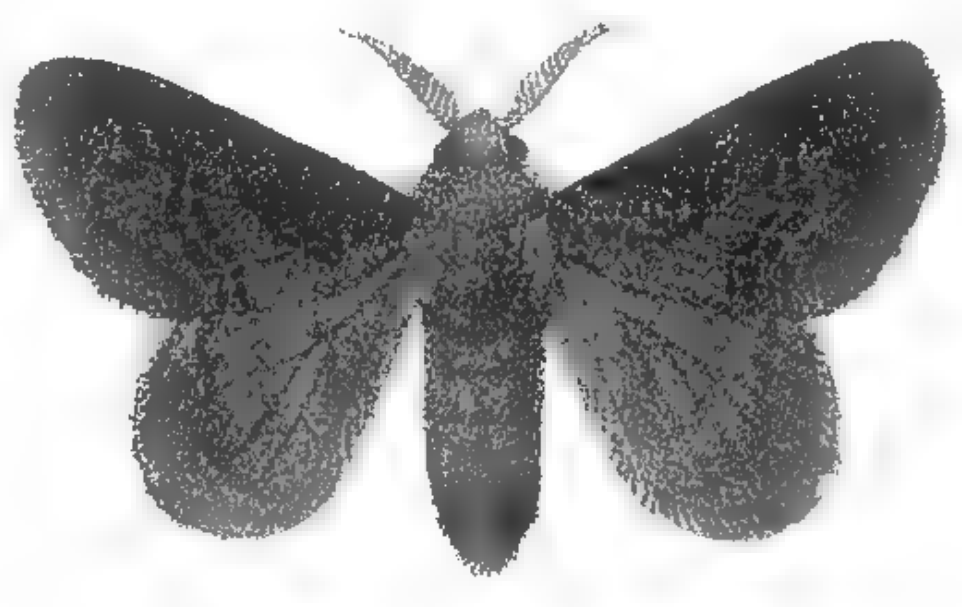
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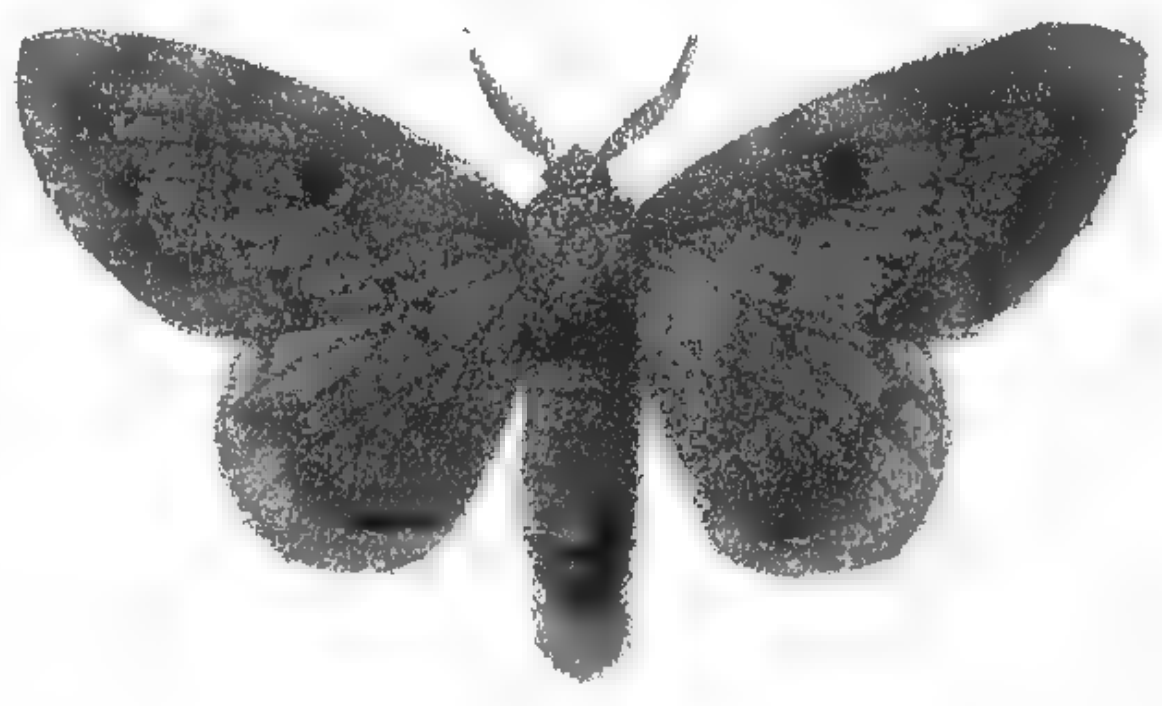
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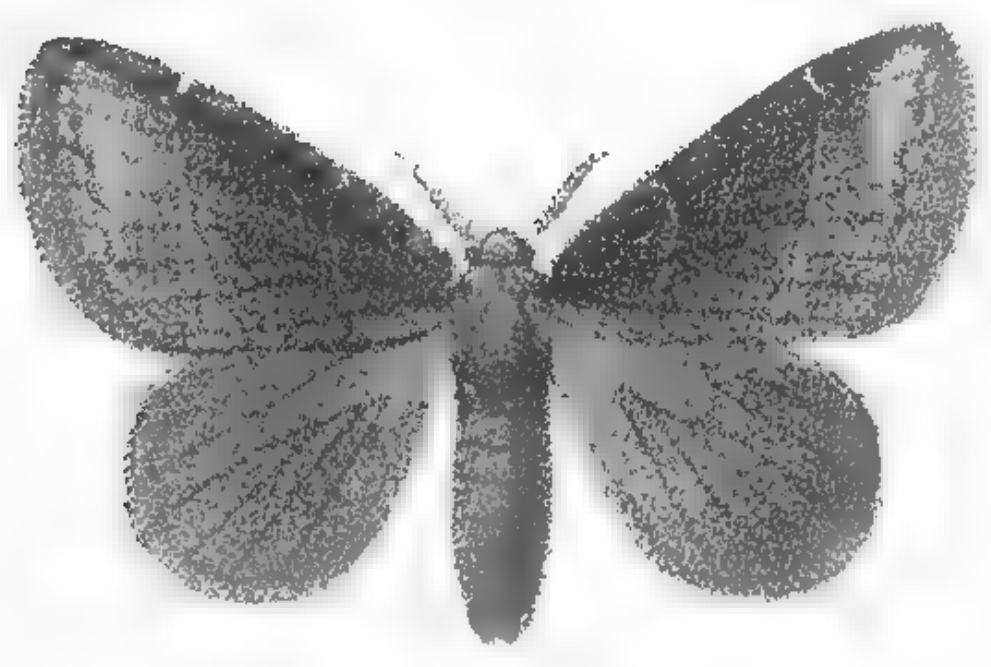
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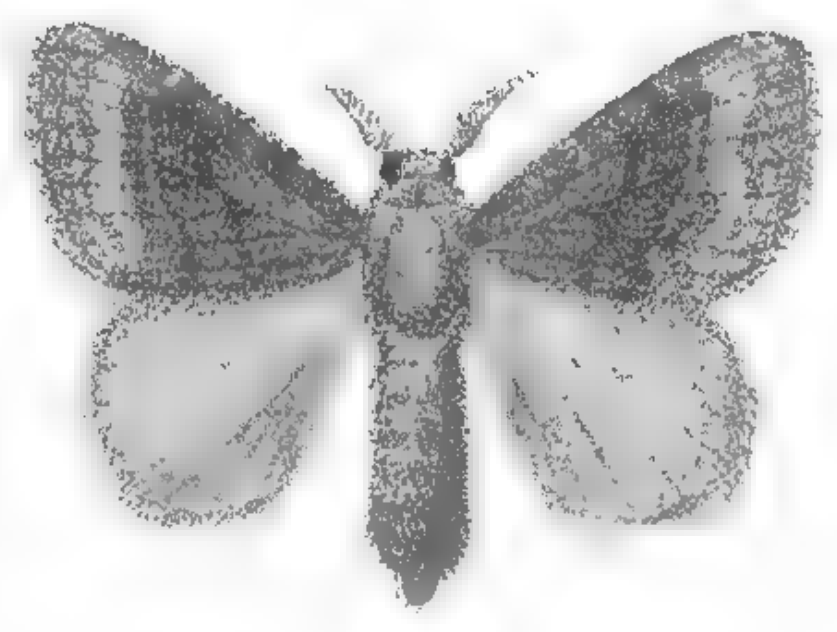
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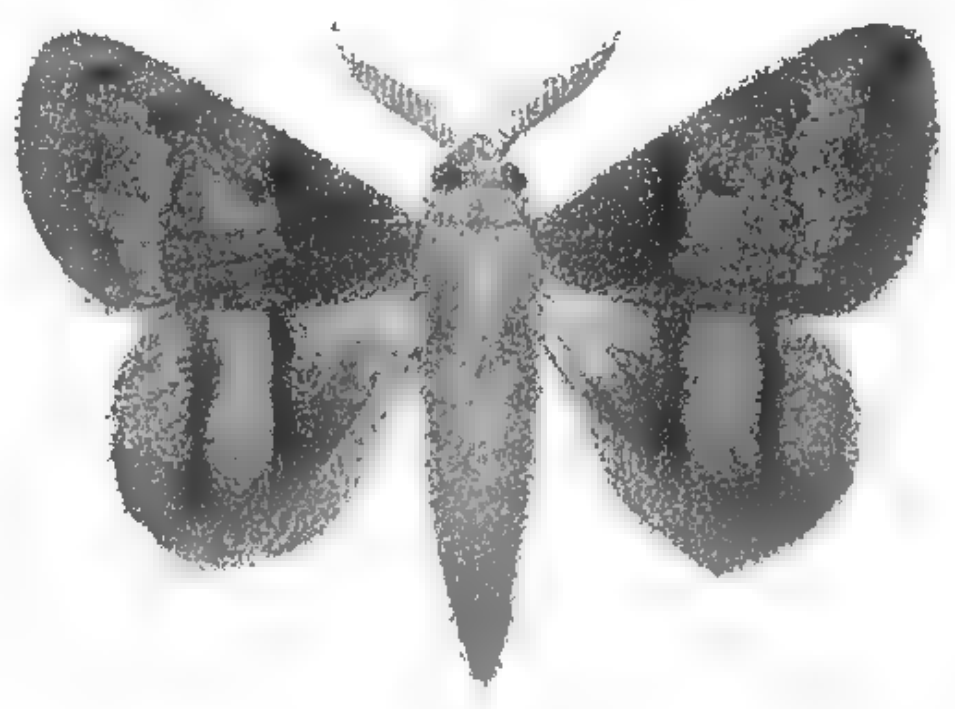
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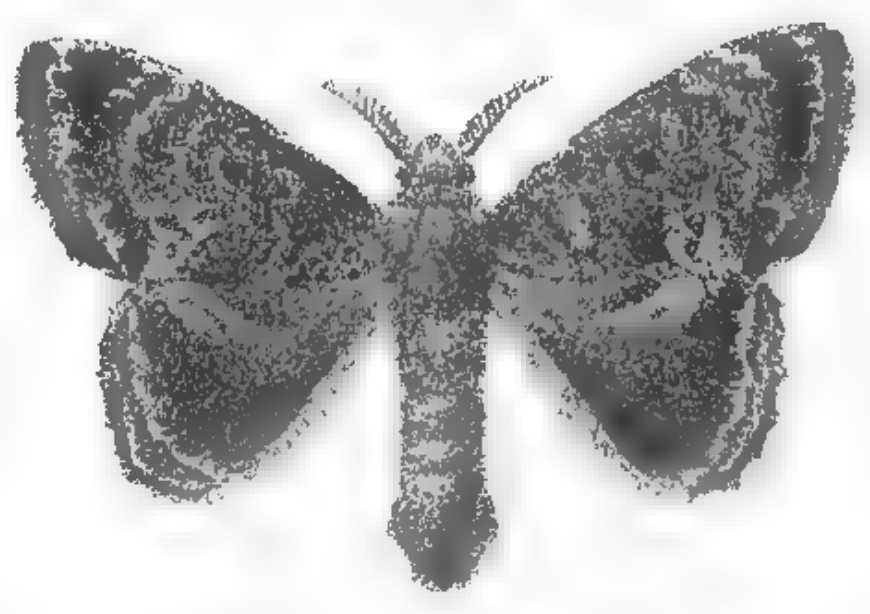
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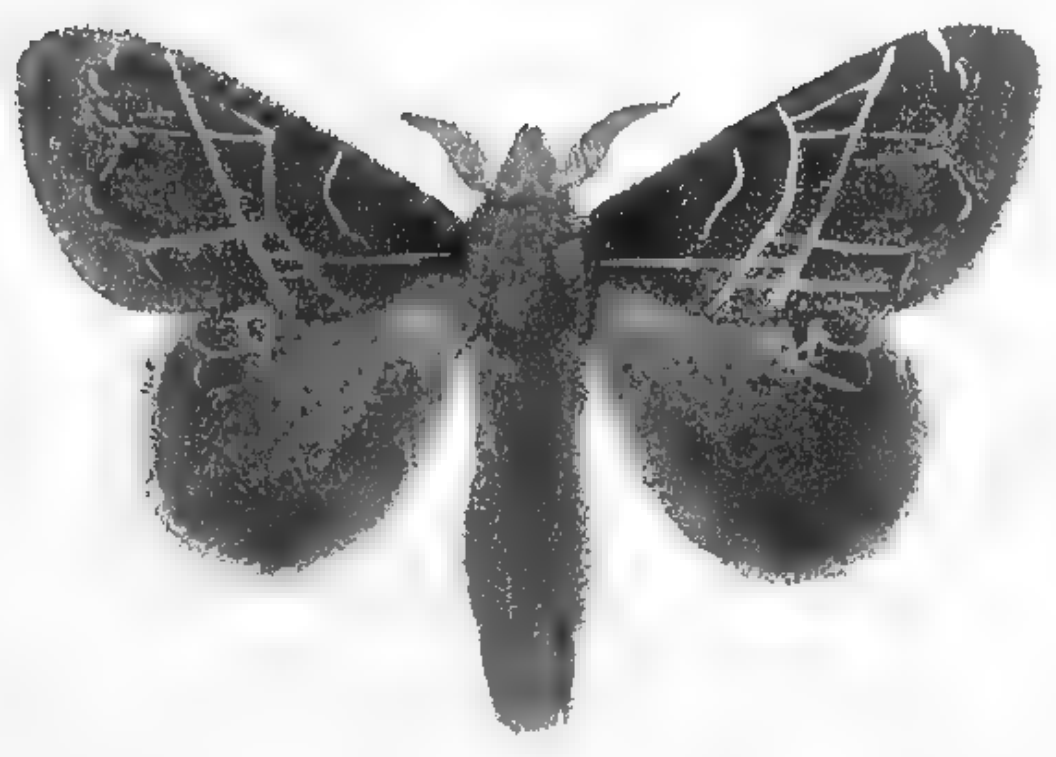
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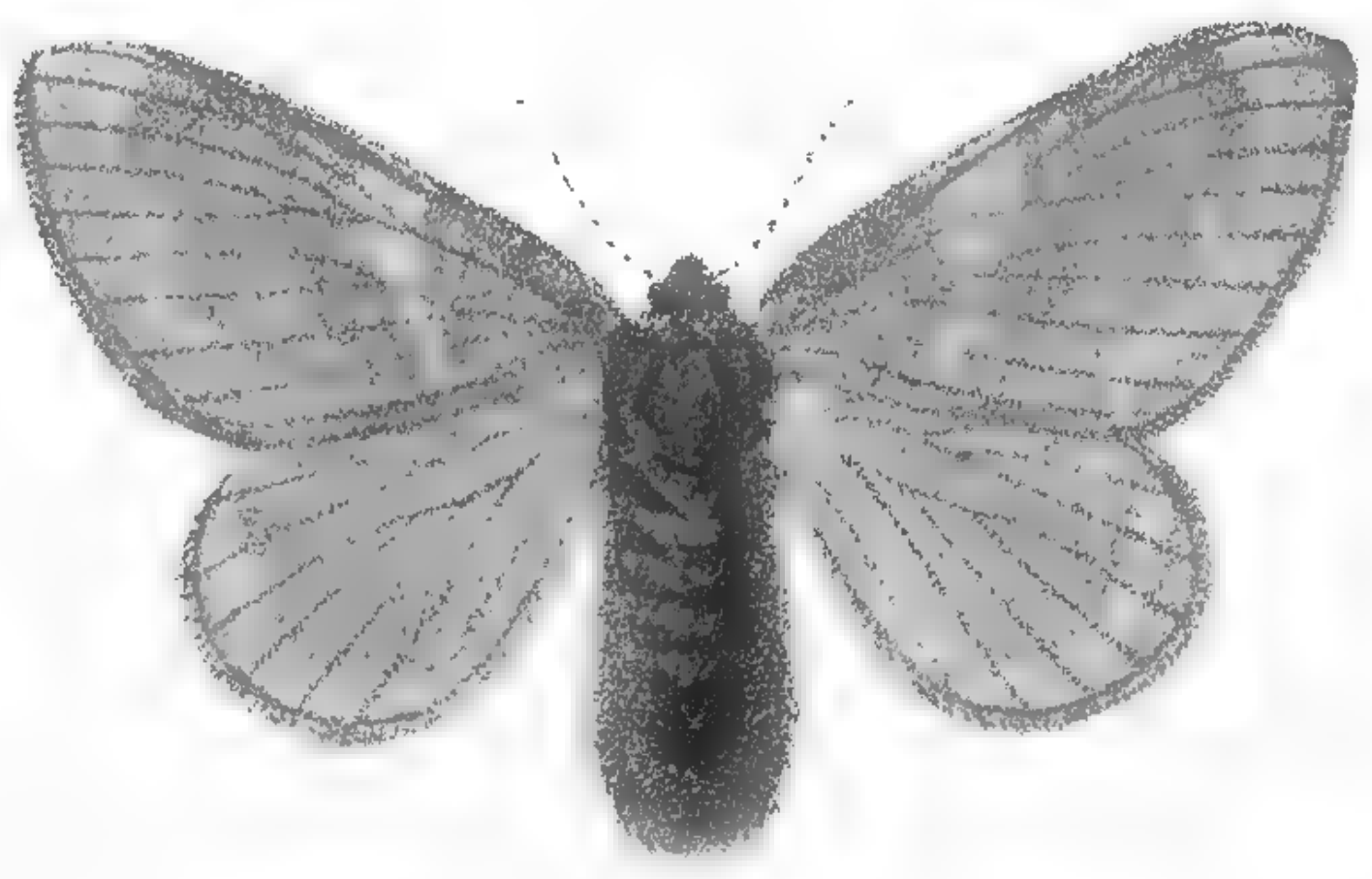
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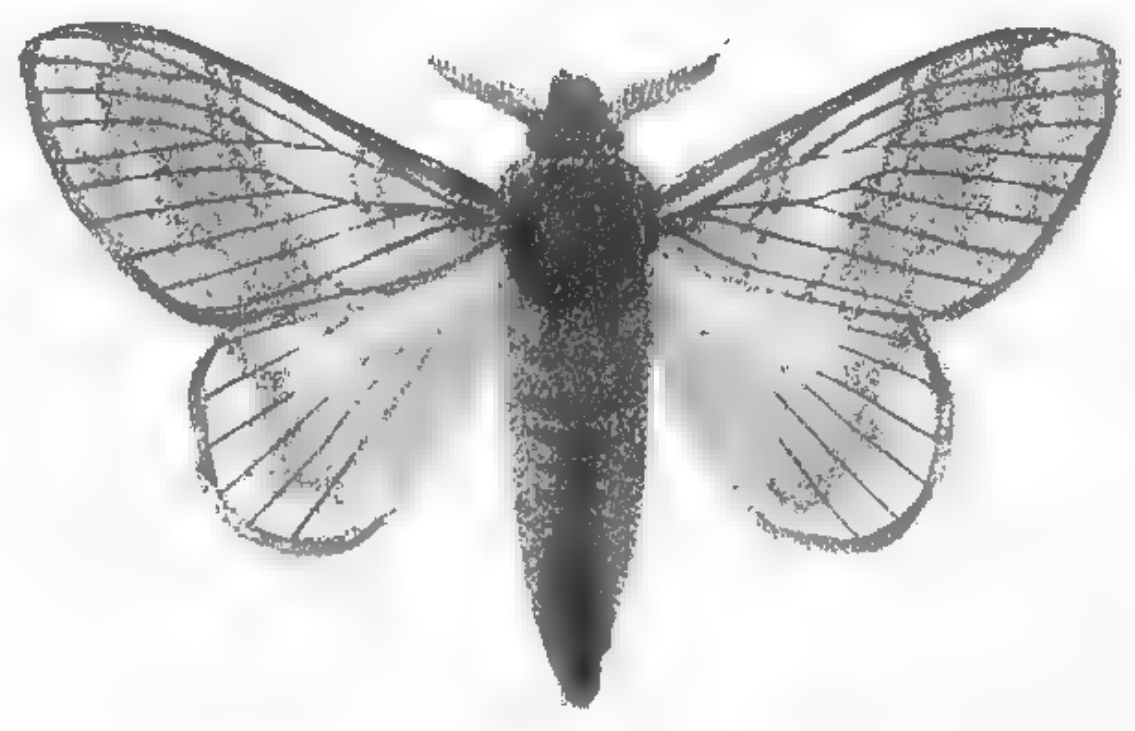
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1♀ TOLYPE LEVANA.
2♂ " HEMIRA.
3♀ " DEBOMA.
4♂ GASINA TYMPANIA.
5♀ TOLYPE CAIETA.
6♂ GASINA RADIATA.

7♂, 8♀ GASINA AGDAMEA.
9♂, 10♀ " AGESISTRATA.
11♂, 12♀ " TRUJILLO.
13♂ " LAPENA.
14♂ HYDRIAS DECEANA.
15♂ " ZURCHERI.
16♀ " DEFORMIS.

17♀ HYDRIAS CASTALIA.
18♂ " CORCYRA.
19♂ " CERTIMA.
20♂ " CHARAX.
21♂ " CERCINA.
22♀, 23♂ " LACINIA.

W. Purkiss lith.

Hanhart imp.
699.

Blue Cyan Green Yellow Red Magenta White 3/Color Black
KODAK Color Control Patches © The Tiffen Company, 2000 Kodak LICENSED PRODUCT
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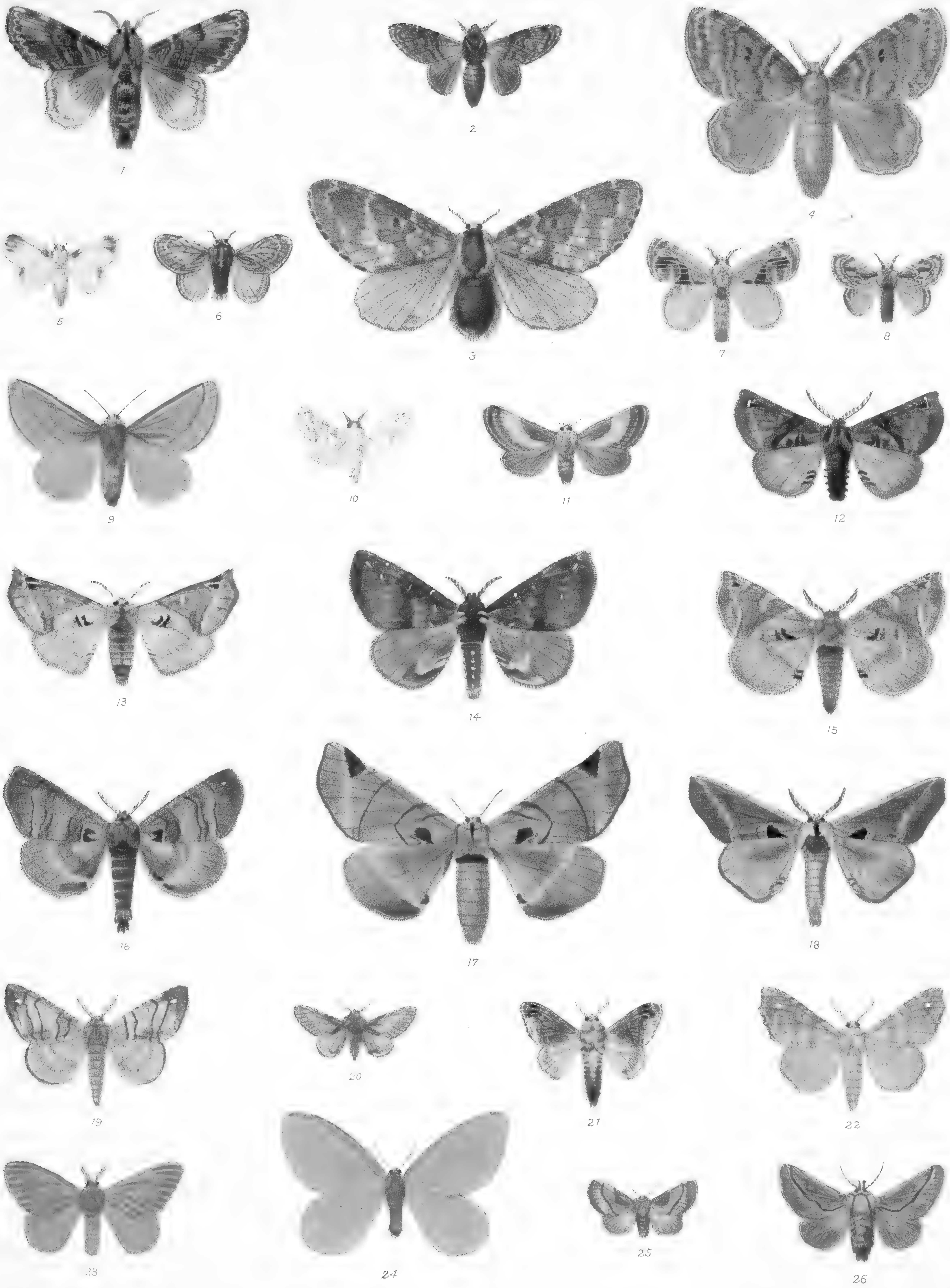
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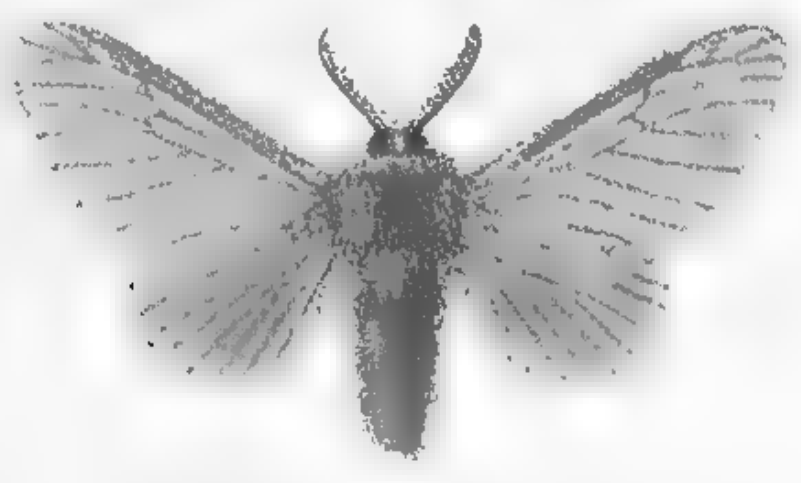
1♂ HYDRIAS PRAXITHEA.
2♂, 3♀ " INFERNALIS.
4♀ " LYSO.
5♂ OCHA MACERRA.
6♂ " MARGINATA.
7 " AMISENA.
8♂ " LIBNITES.
9♀ TRABALA DRUCEIOIDES.

W. Purkiss lith.

10♂ OCHA ALBULA.
11♀ TRABALA (?) CEBRENIS.
12♂, 13♀ APATELODES LACETANIA.
14♂ " ALBIPUNCTATA.
15♂ " DIFFIDENS.
16♂ " VERENA.
17♀ " PANDARA.
18♂ " CIRNA.

19♂ OLCECLOSTERA AZTECA.
20♂ SIBINE LYSIA.
21♂ ECHEDORUS PHYLLIUS
22♂ OLCECLOSTERA AMORIA.
23♂ PINCONIA COA.
24♀ " MELINDA.
25♀ PARASA MINIMA.
26 VIPSANIA FRIGIDA.

Hanhart imp.
700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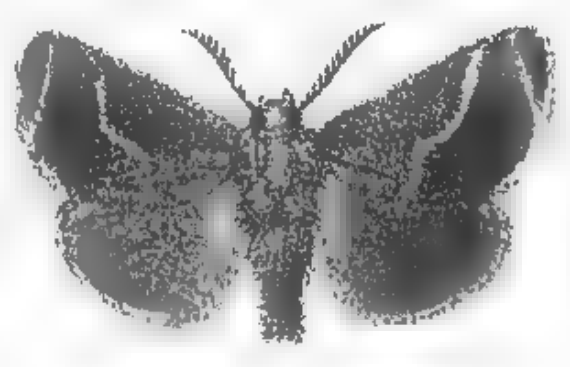
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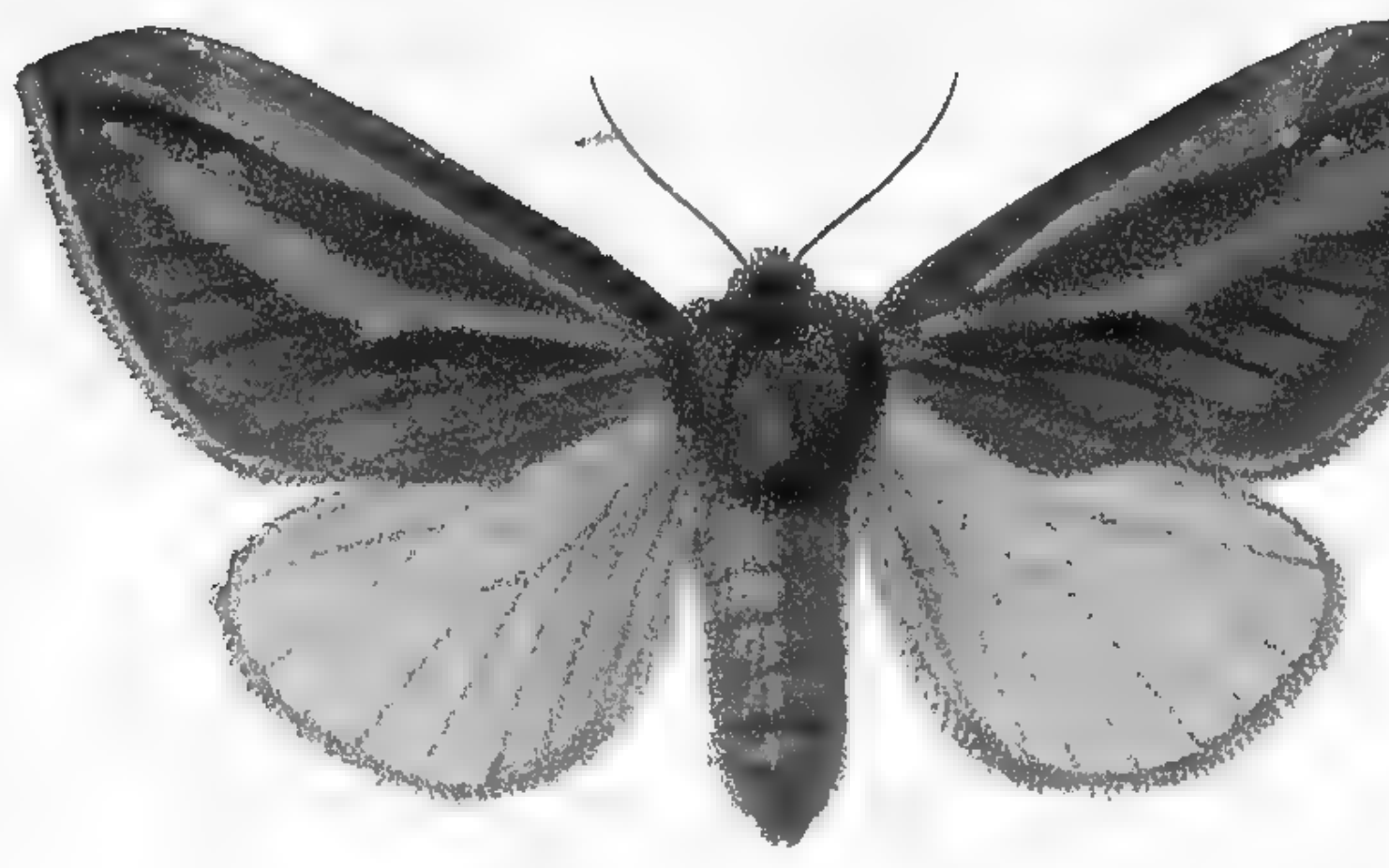
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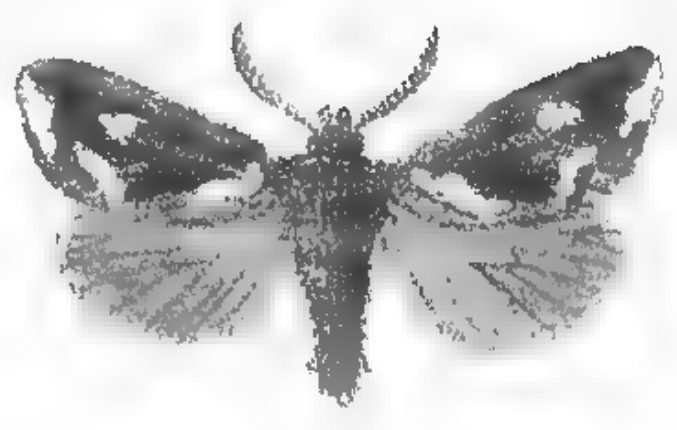
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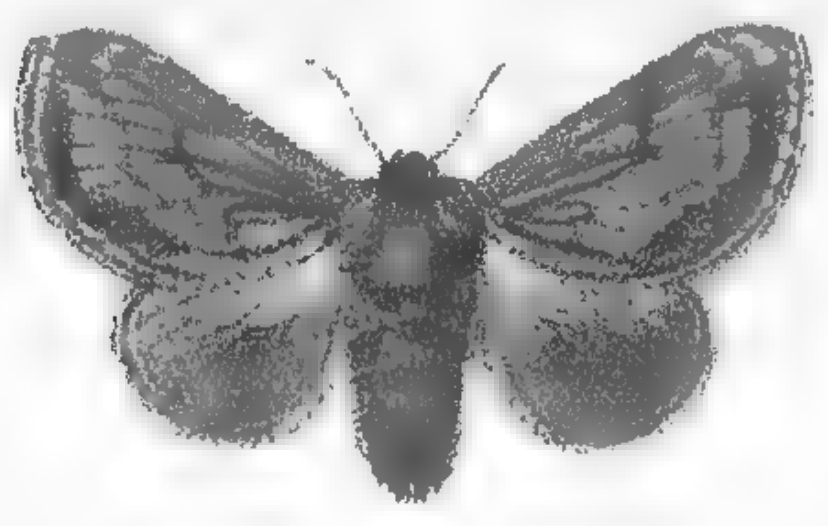
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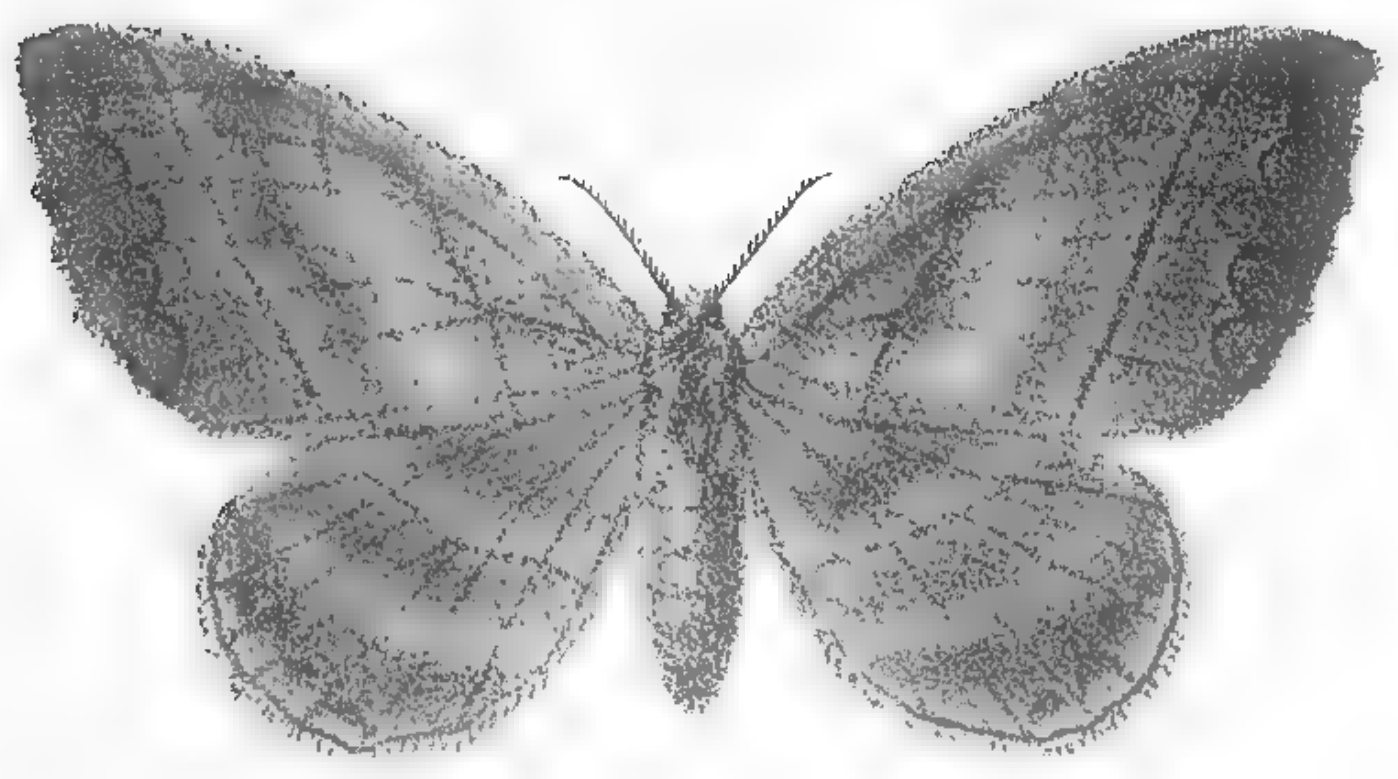
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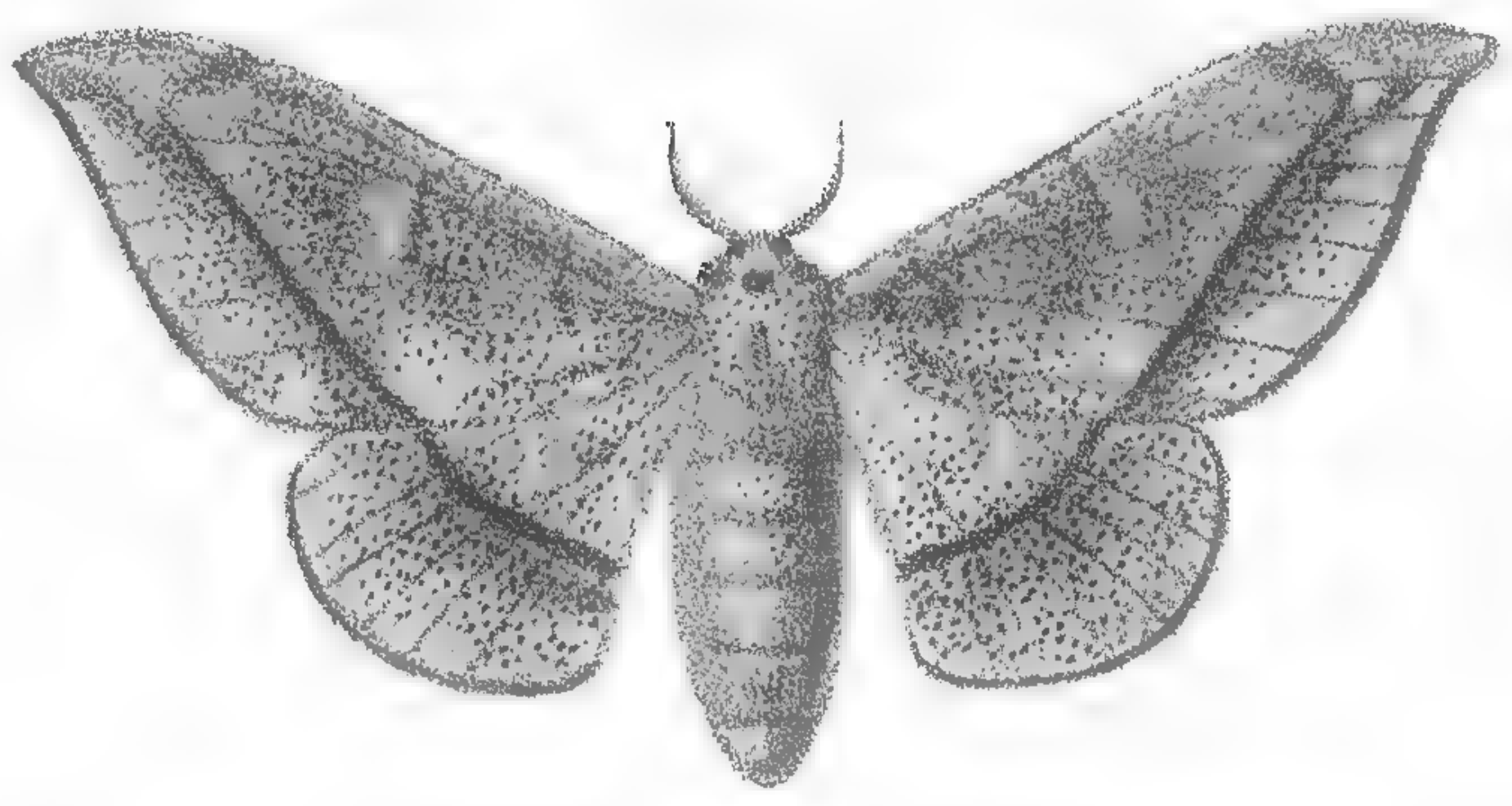
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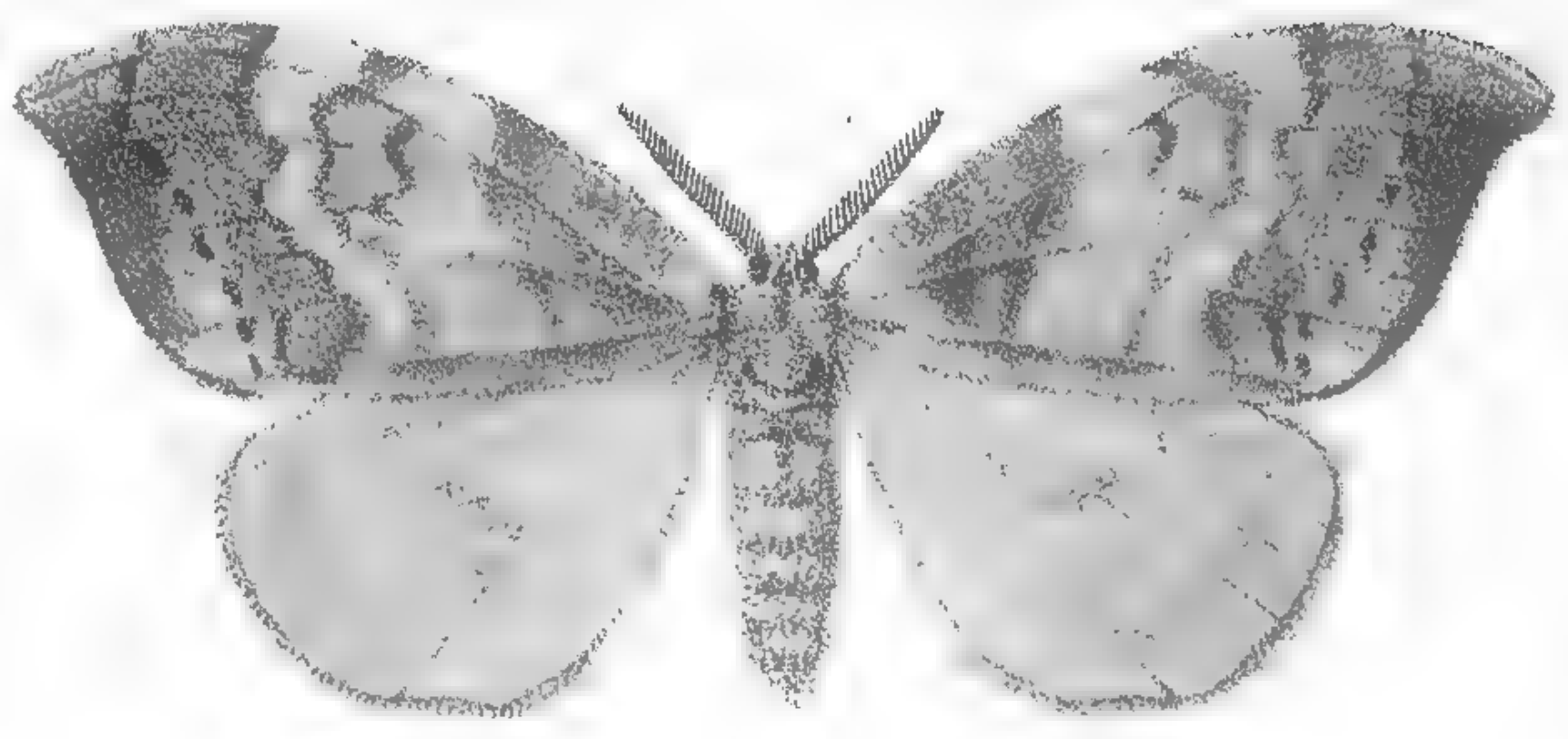
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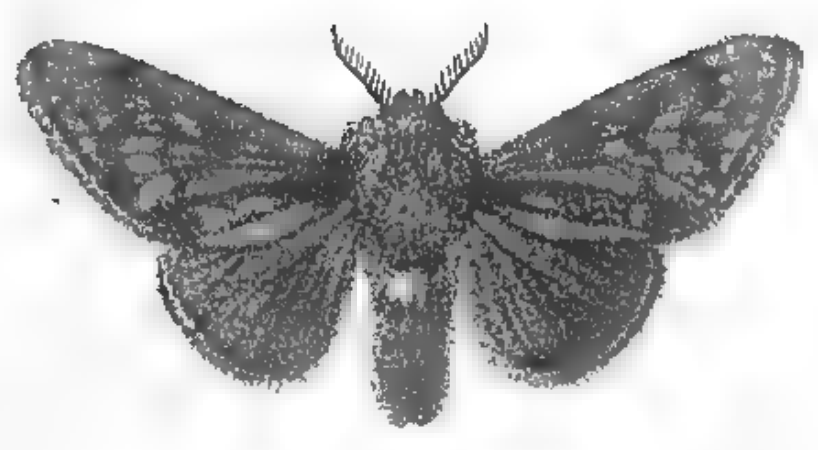
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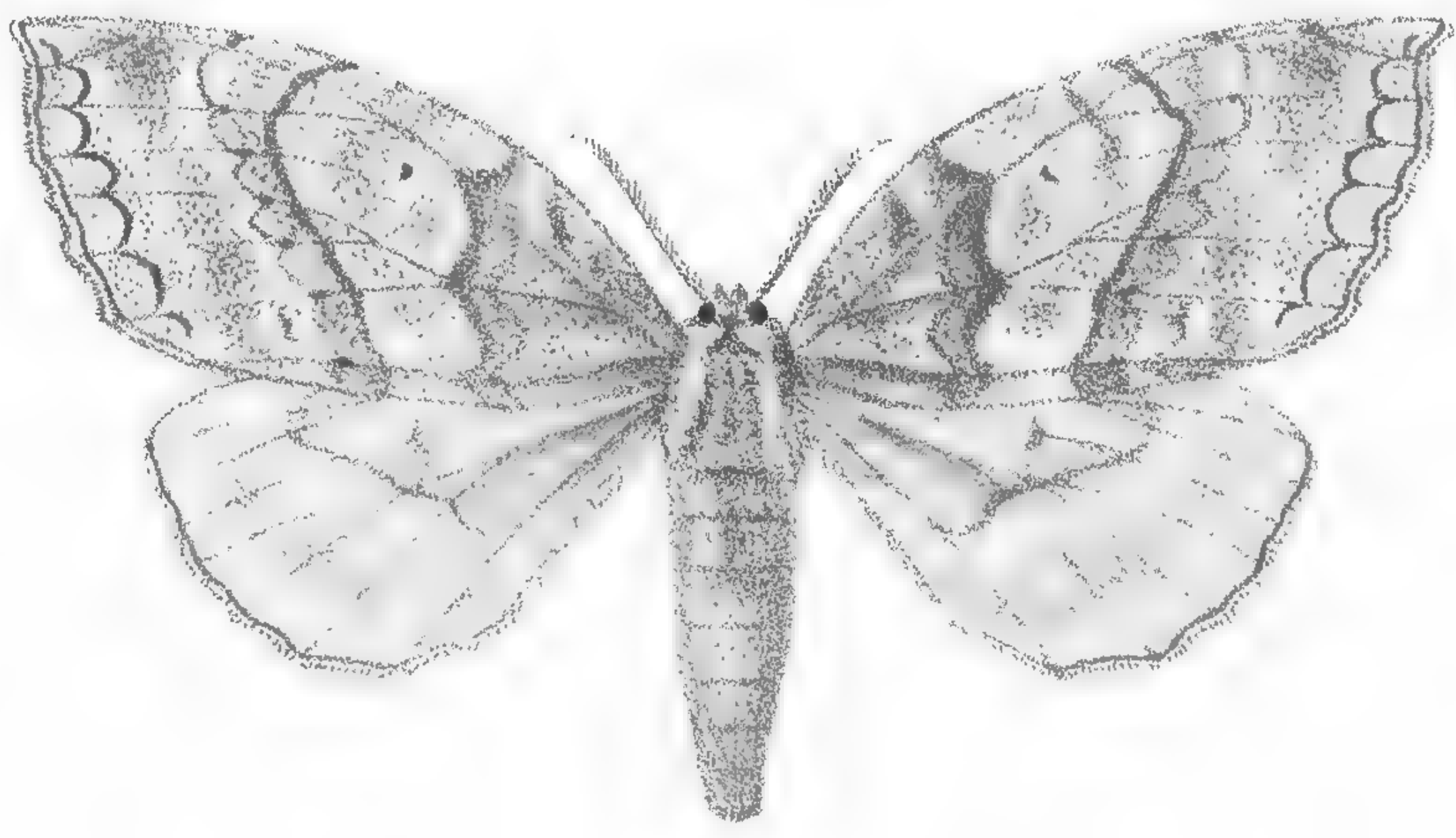
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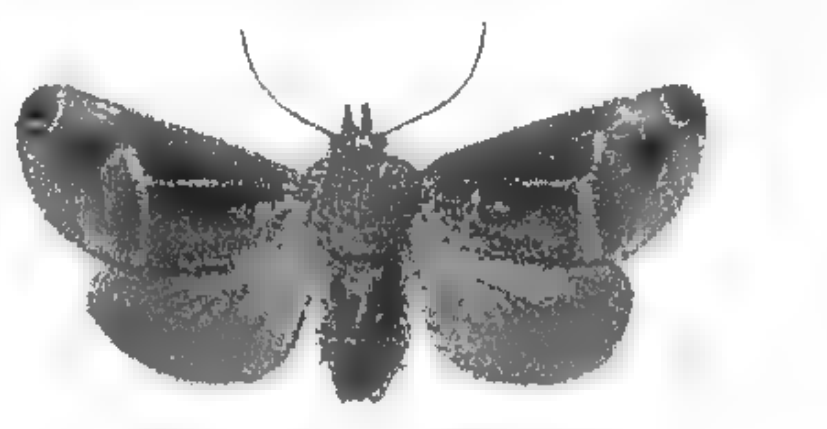
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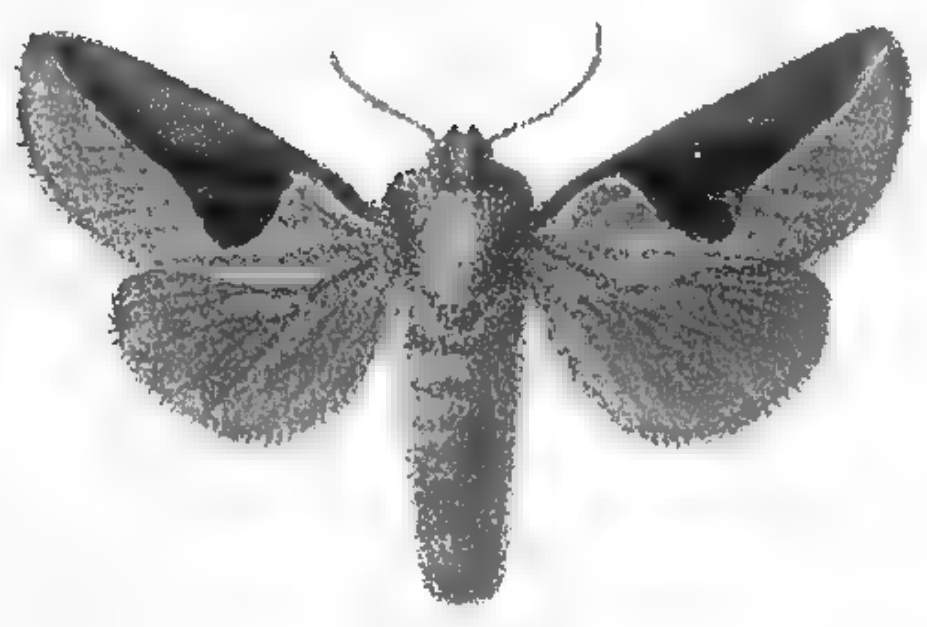
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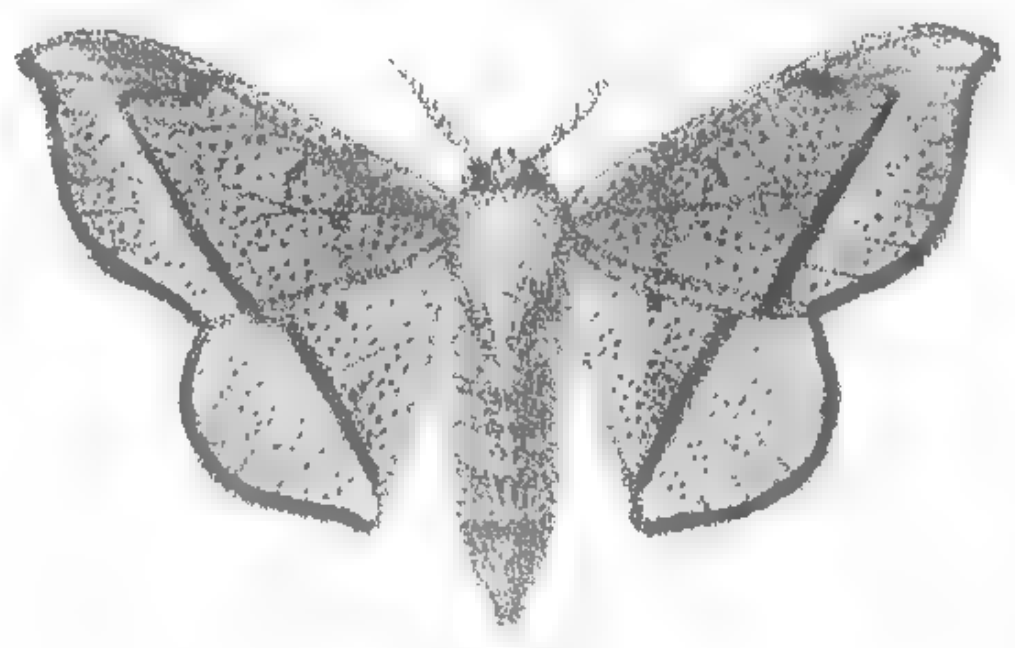
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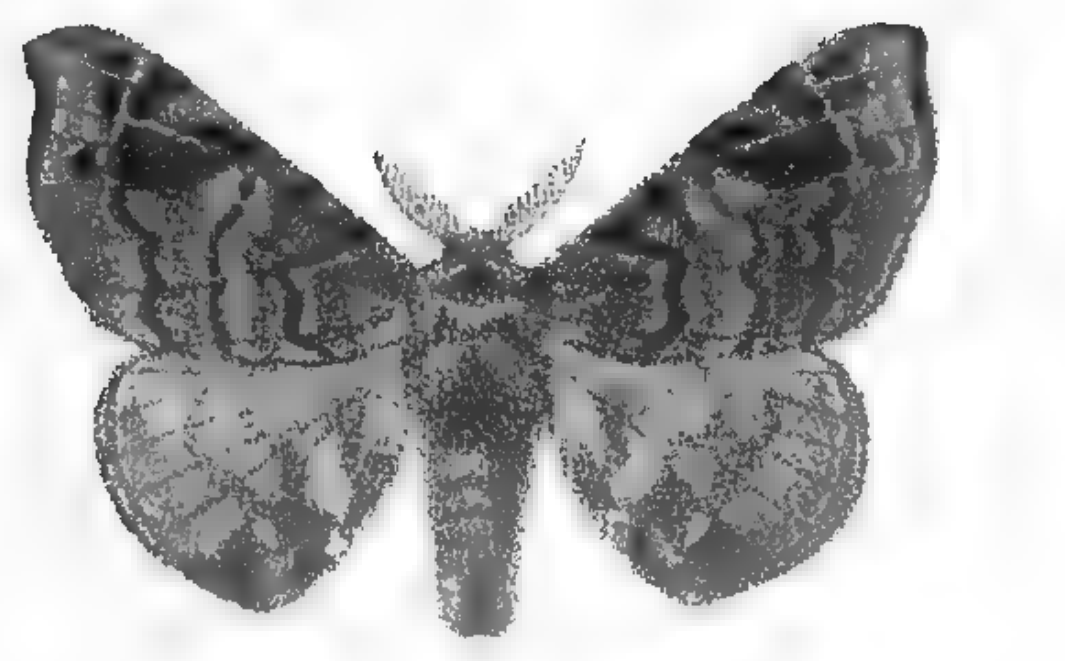
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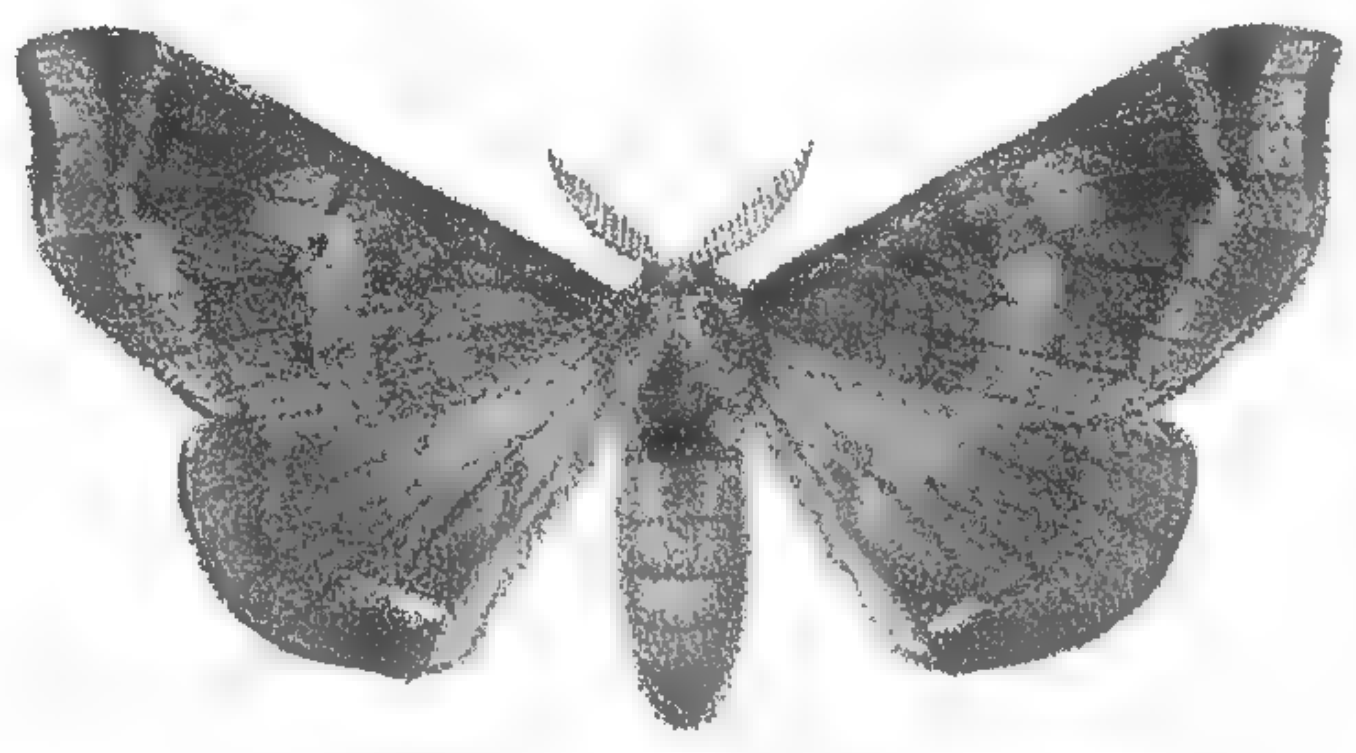
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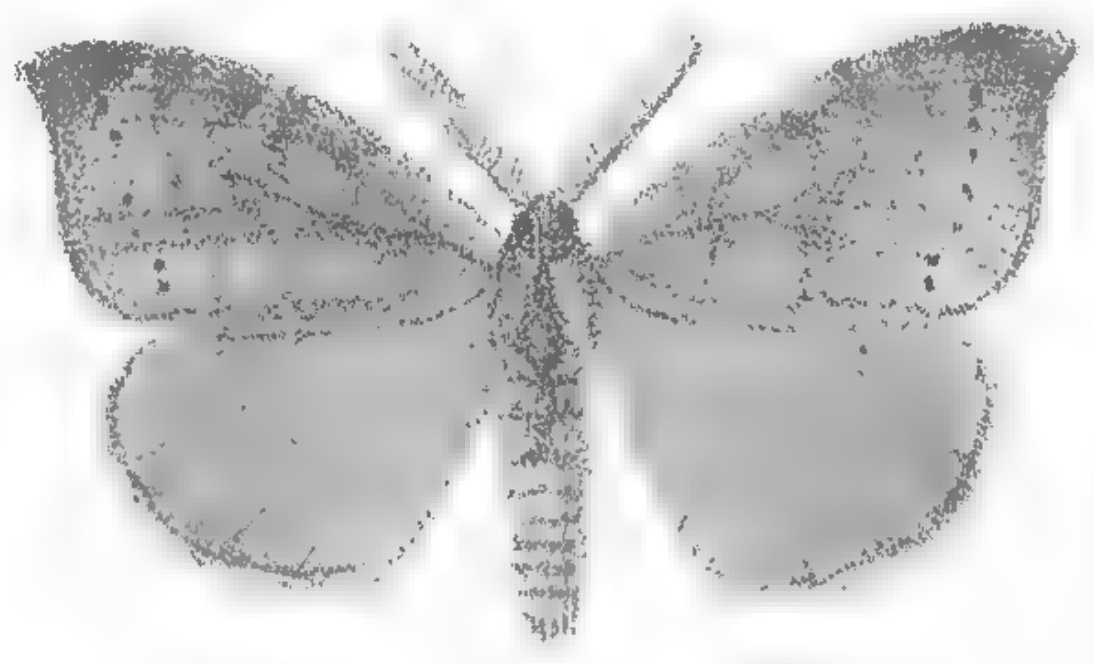
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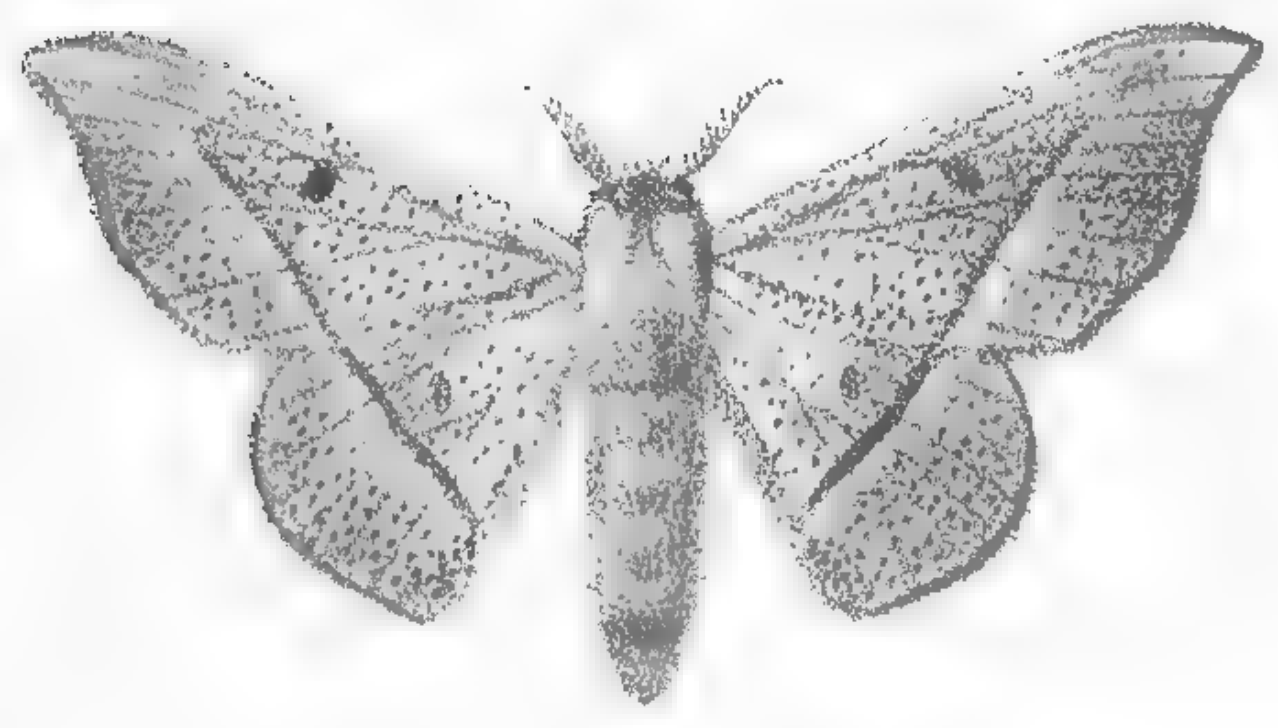
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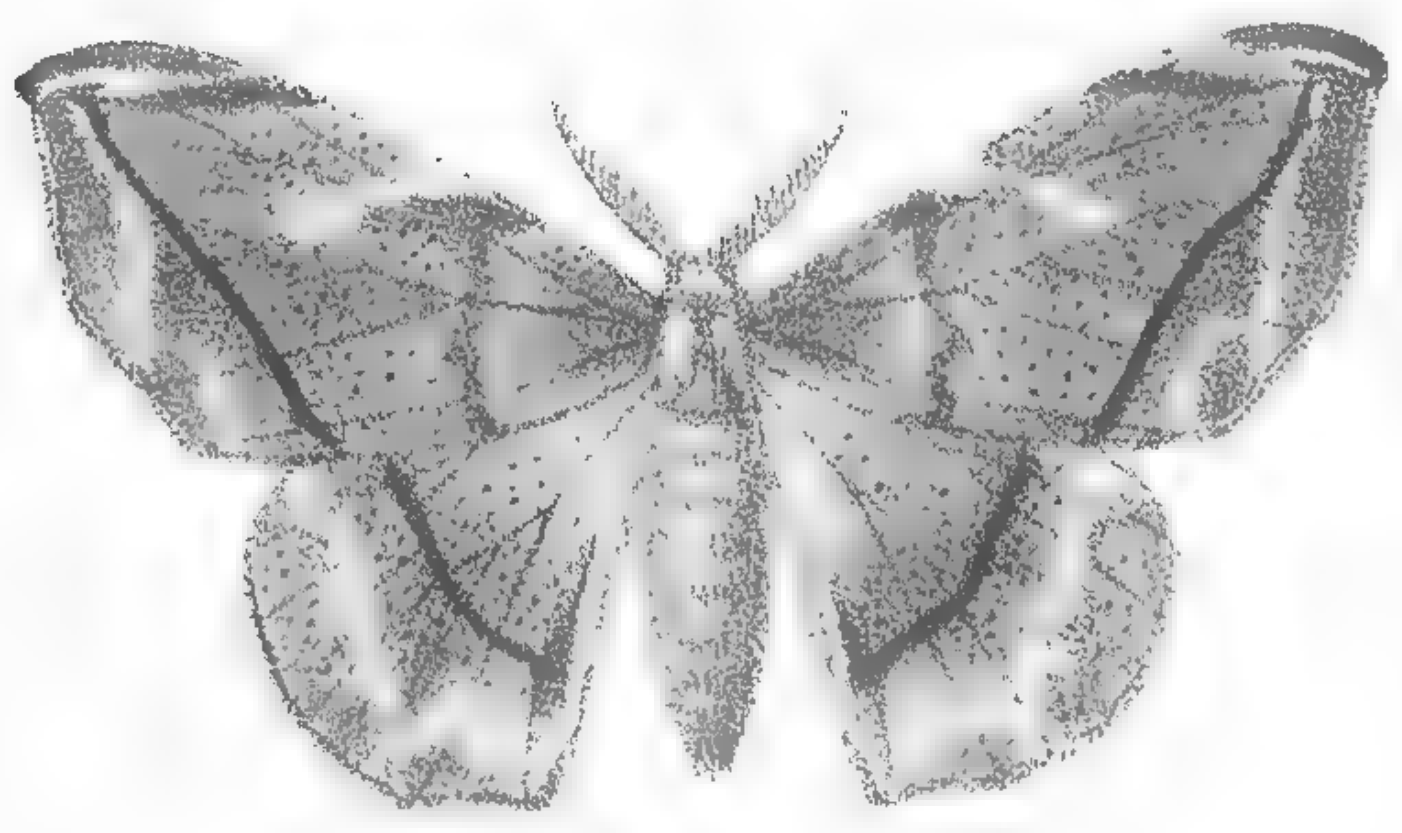
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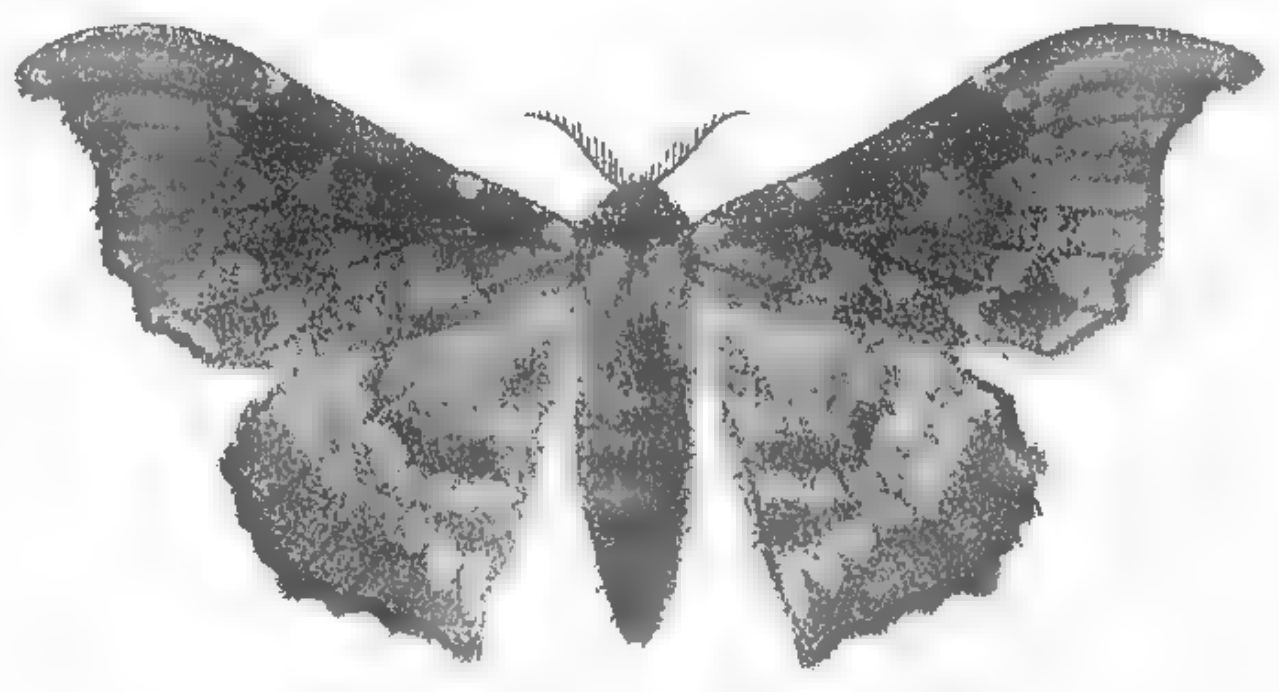
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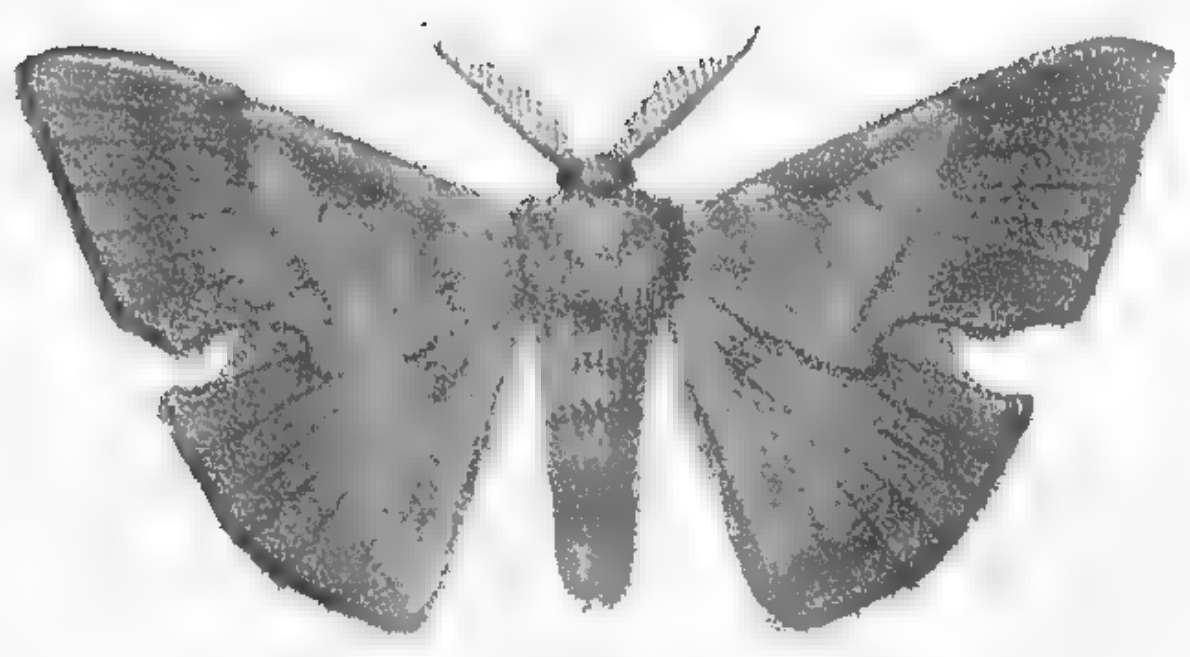
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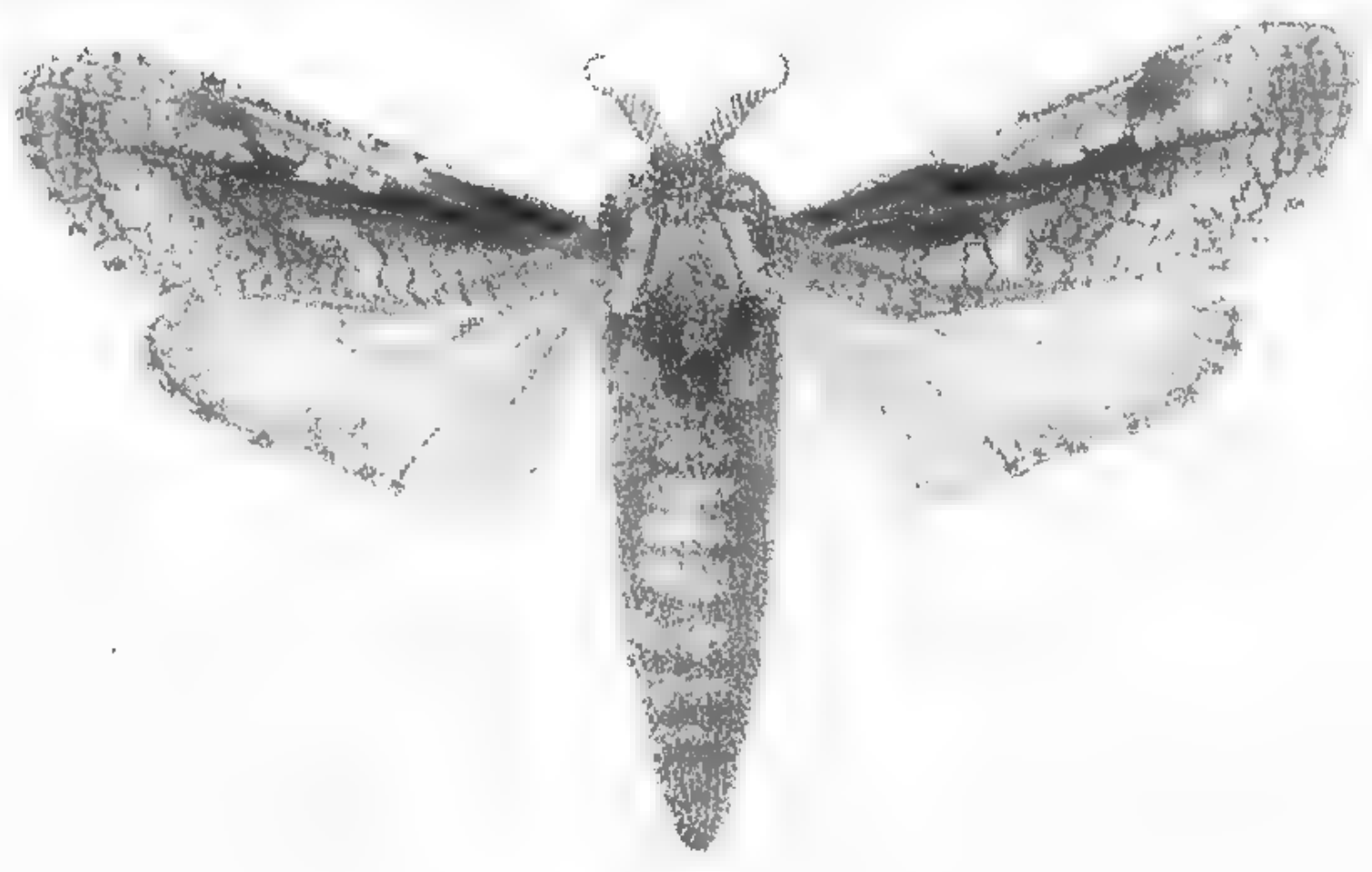
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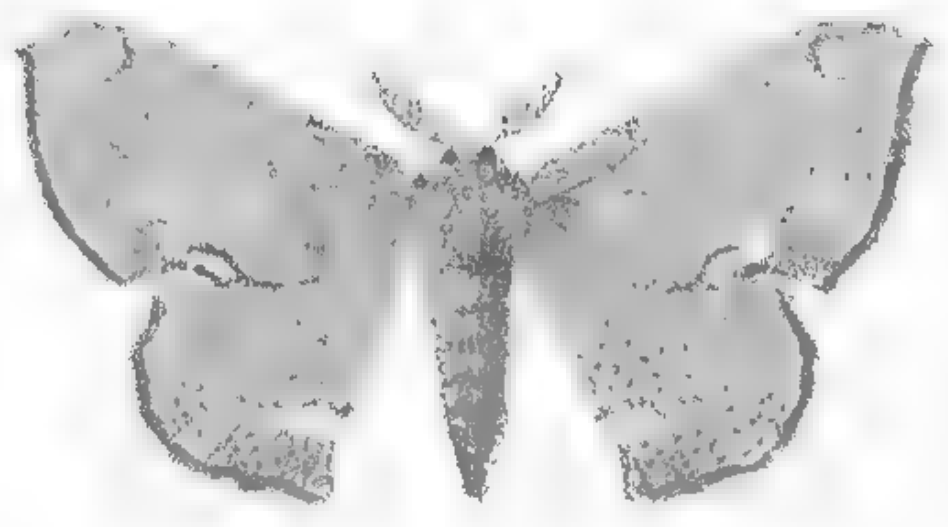
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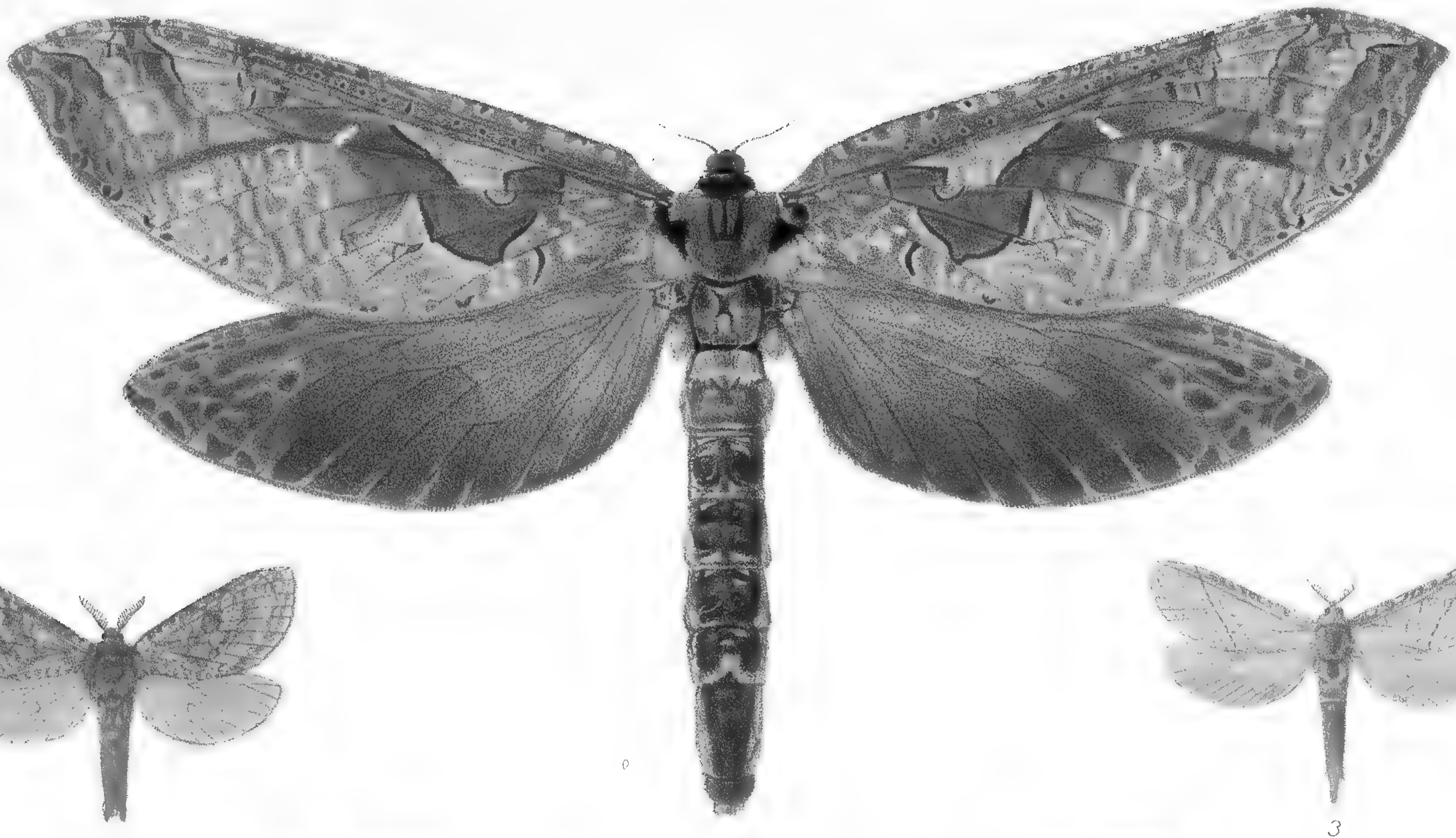
1♂ SCIATHOS RIBBEI.
2♂ PEROLA LACIPEA.
3♀ EUPALIA EXTENSA.
4♂ SEMYRA AGEMYTHA.
5♀ » STRAMINEA.
6♀ TARCHON TANAIS.
7♀ PEROPHORA MEXICANA.
8♀ TARCHON CORYDONA.
9♂ SEMYRA (?) ARCUATA.
10♀ TARCHON (?) LYBIA.
11 EULIMACODES MÖSCHLERI.
12 PROLIMACODES TRIANGULIFERA.
13♂ PEROPHORA INSCITA.
14♂, 15♀ CARTHARA MÆVIA.
16♂ ANTICLA DODONA.
17♂ PEROPHORA ACUTA.
18♀ » OSTIA.
19♀ MIMALLO SYRINX.
20♂ TROGOPTERA SAO.
21♂ ZEUZERA MASONI.
22♂ TROGOPTERA RUMINA.

W. Purkiss lith.
Hanhart imp.
702.



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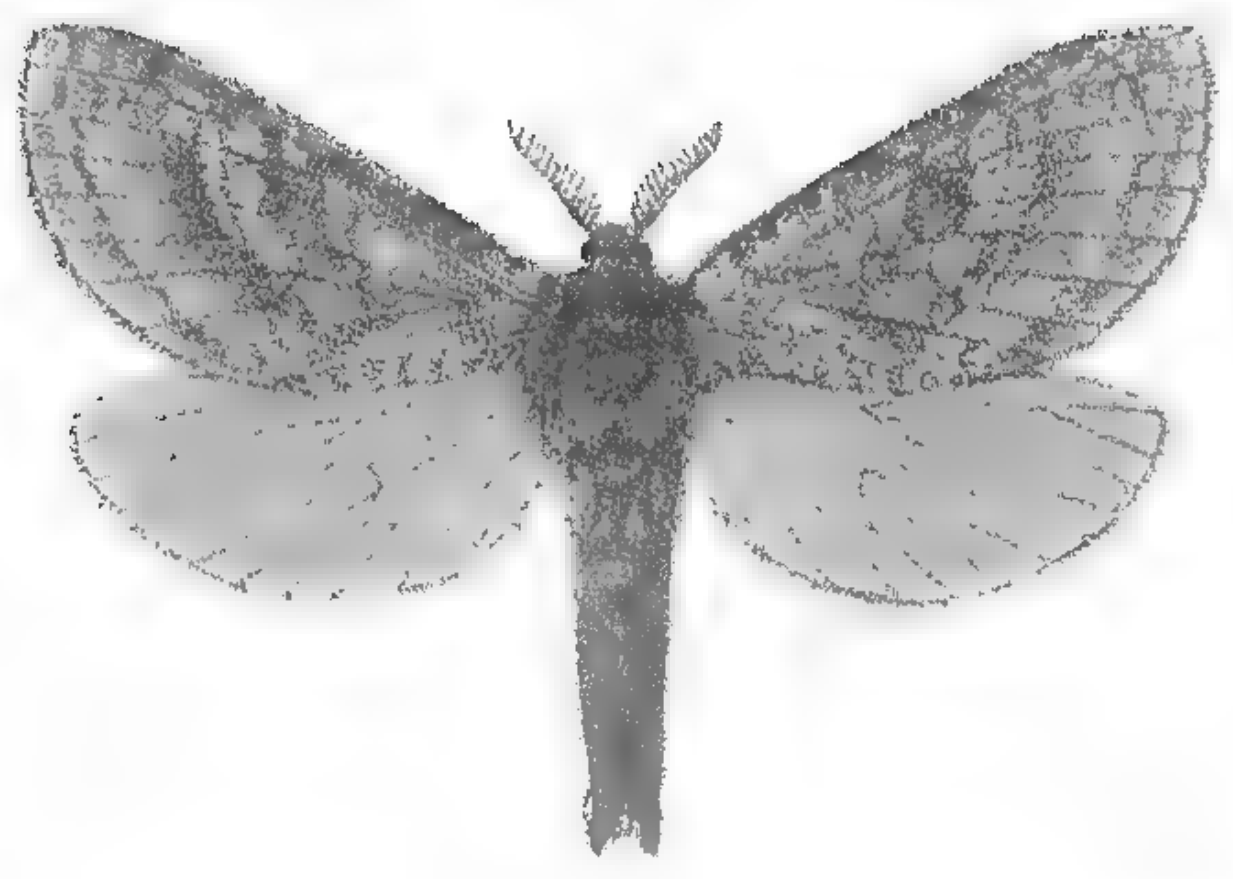

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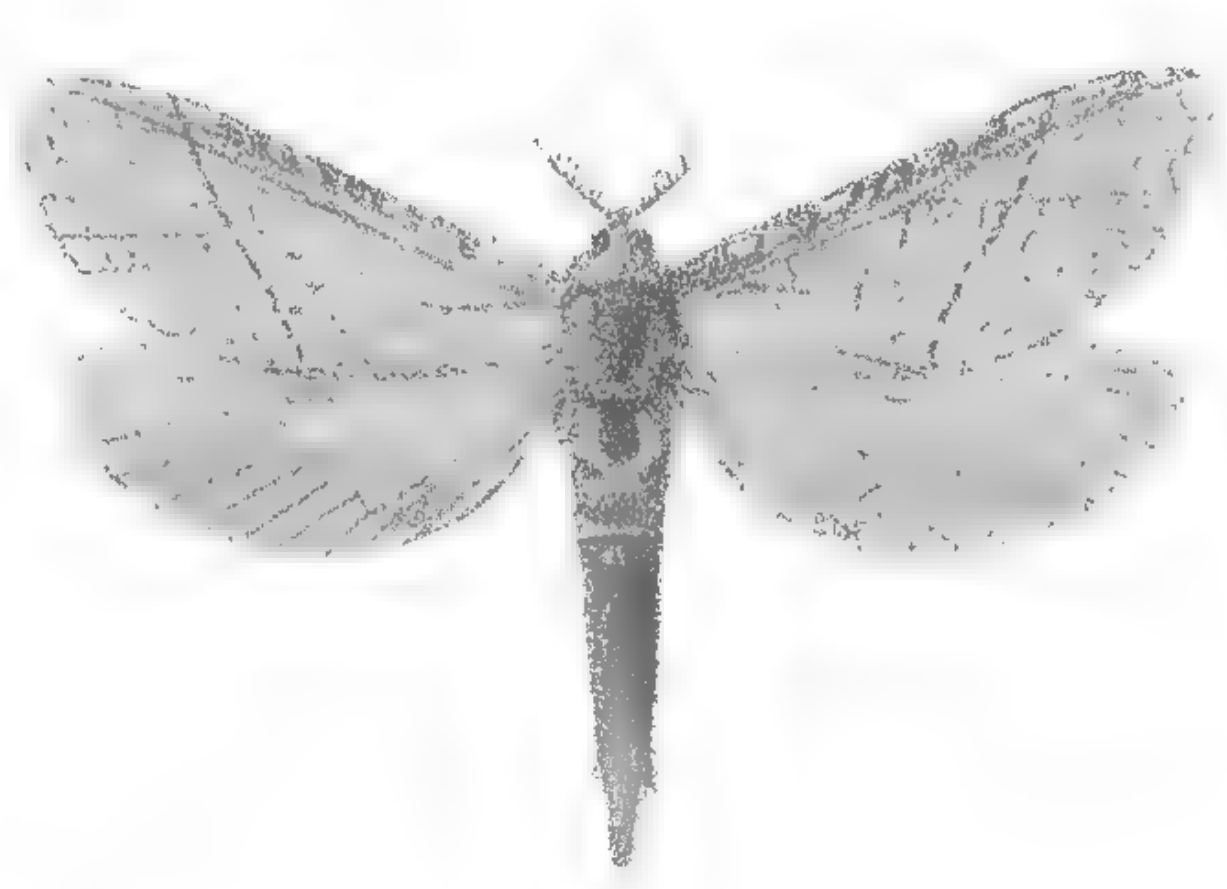

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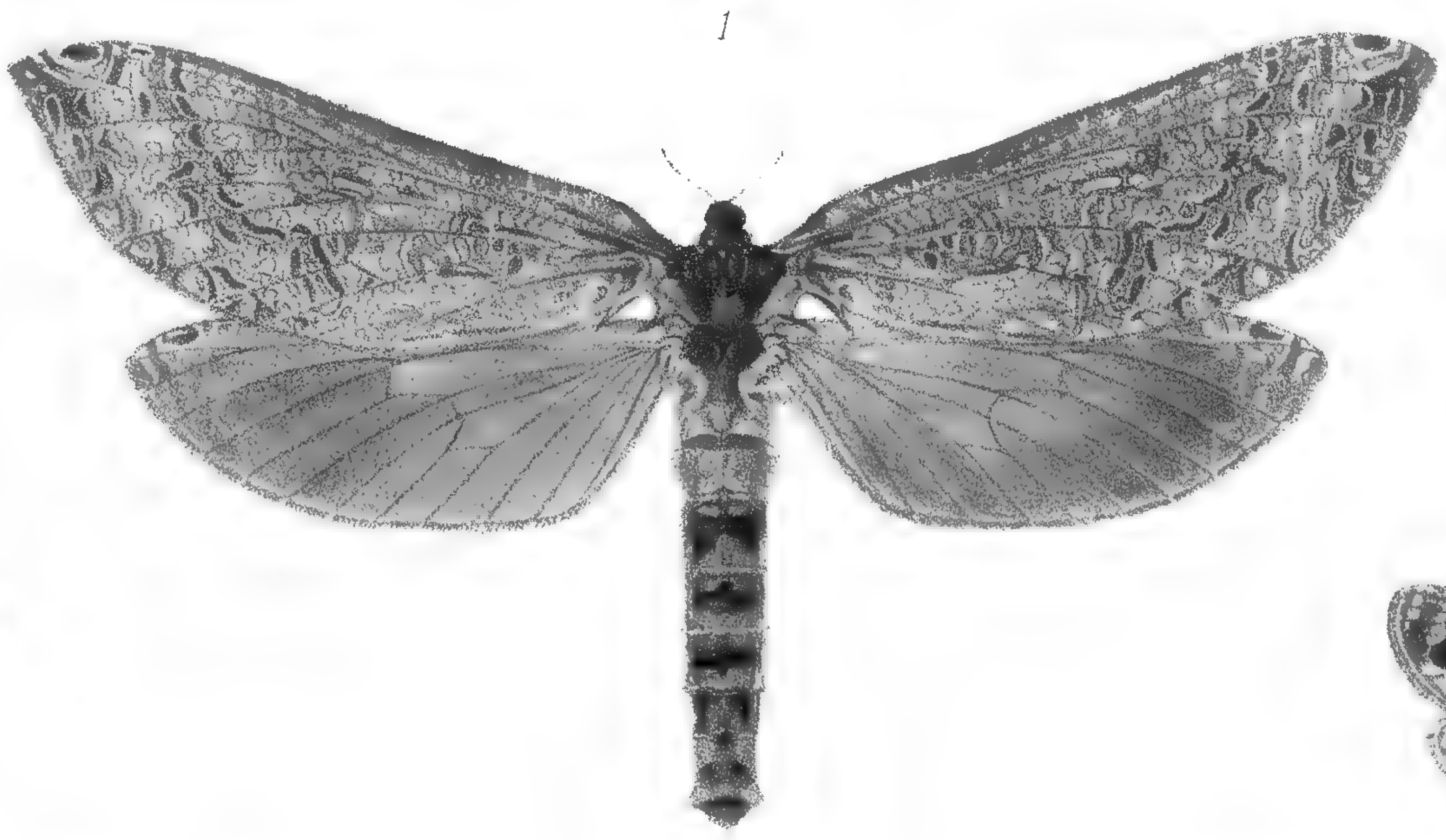

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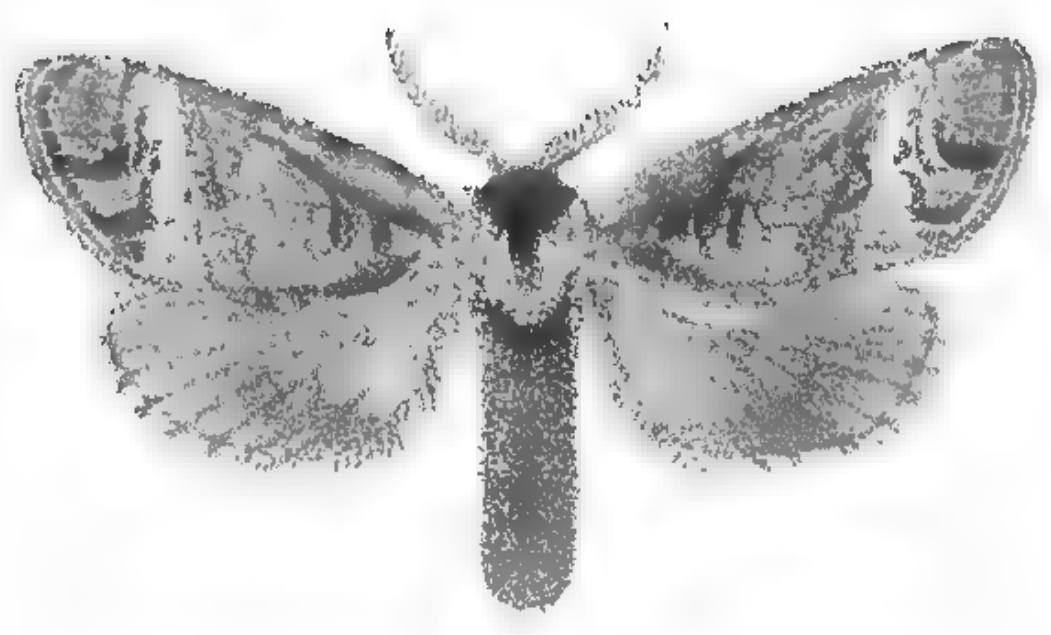

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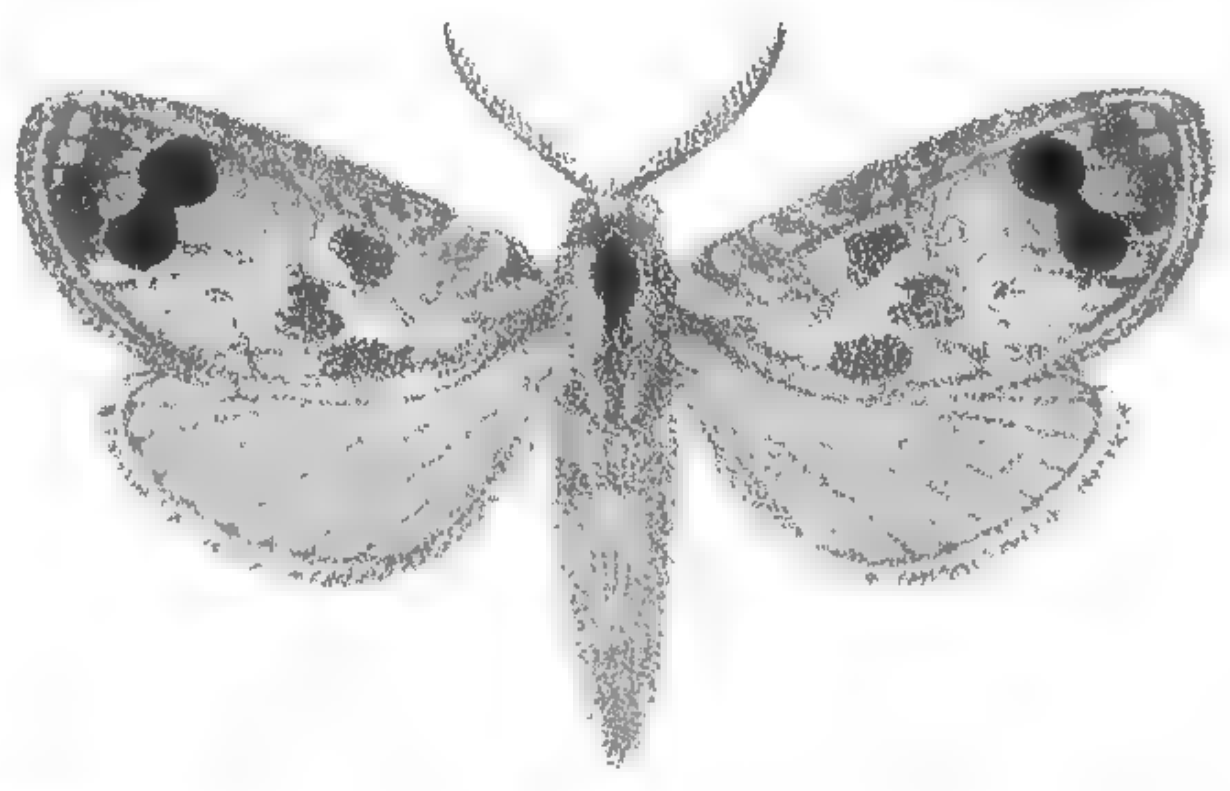

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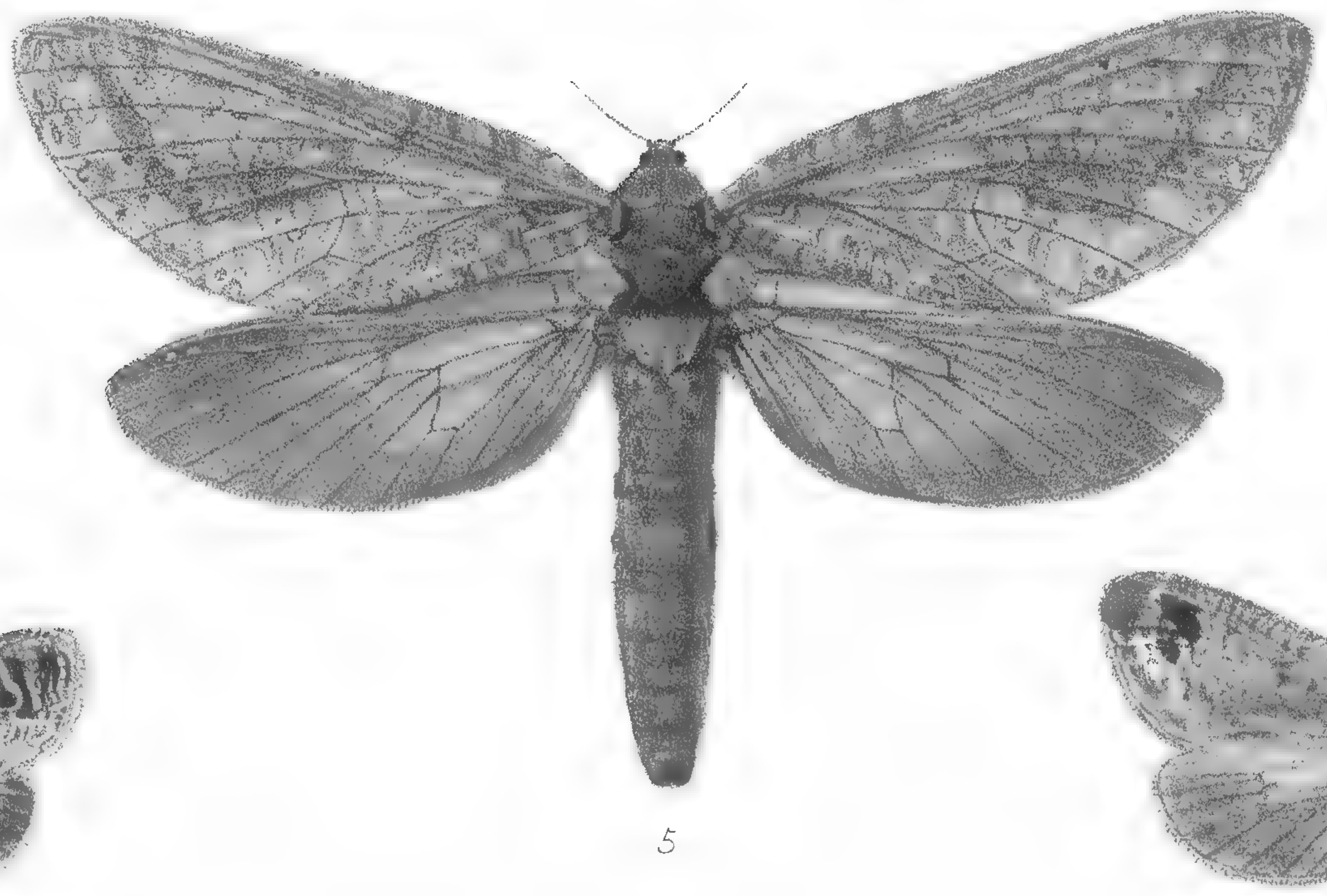

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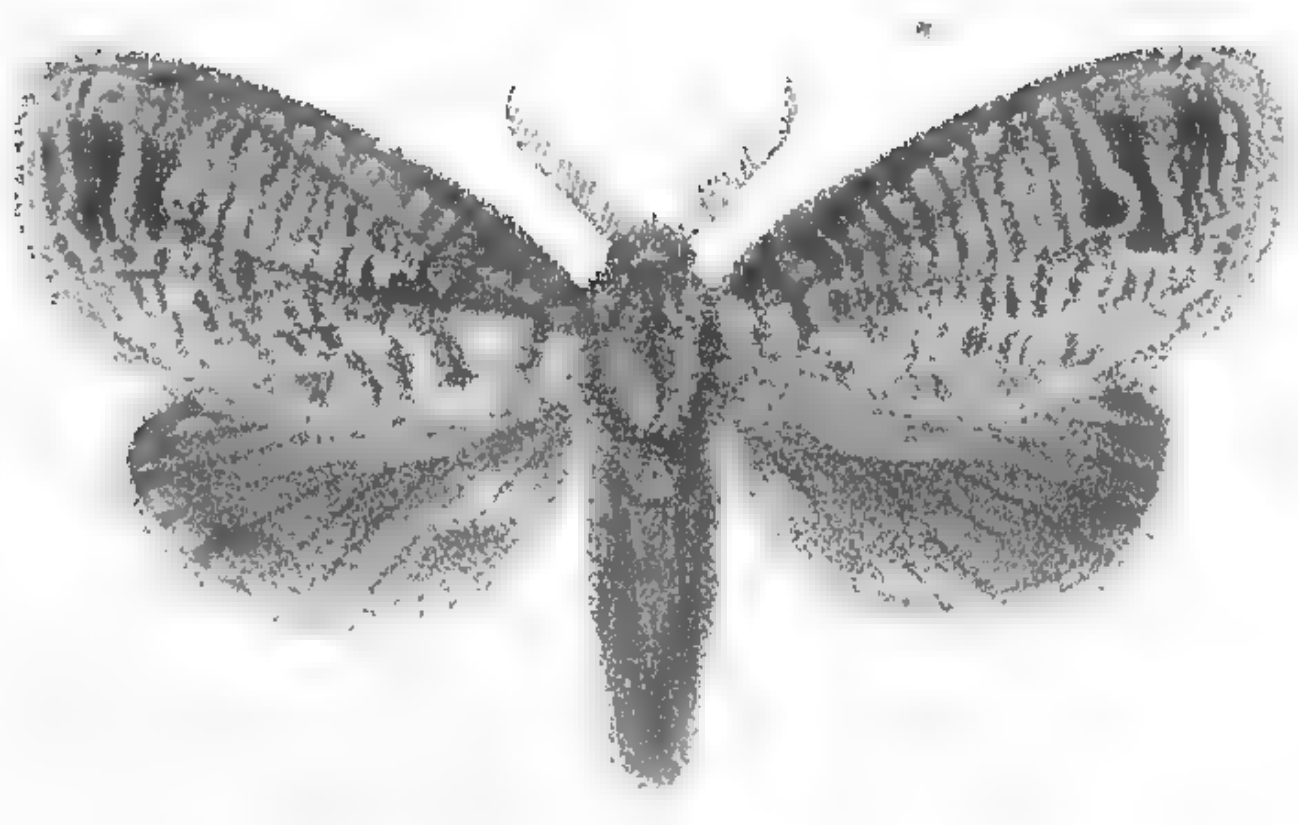

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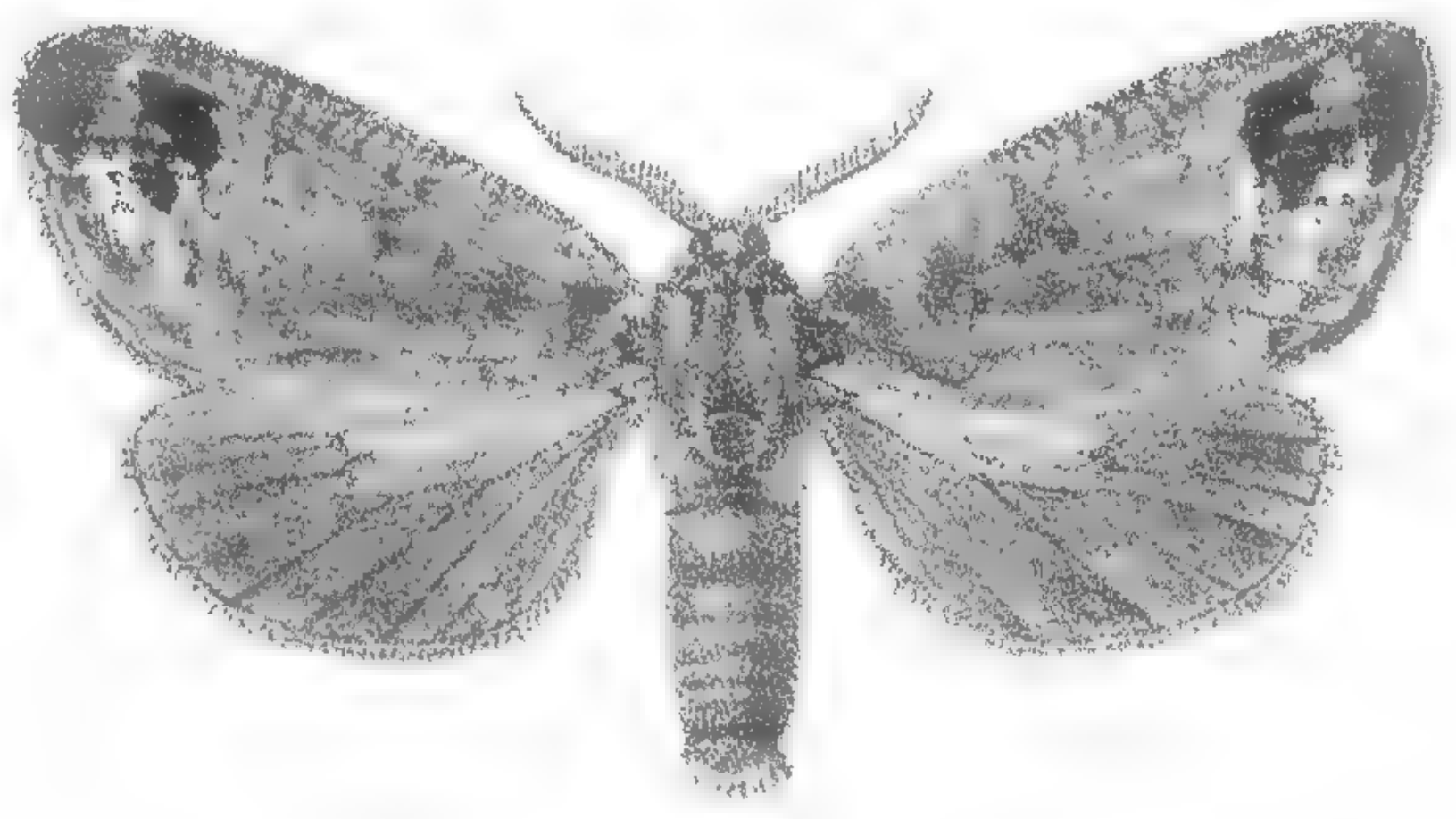
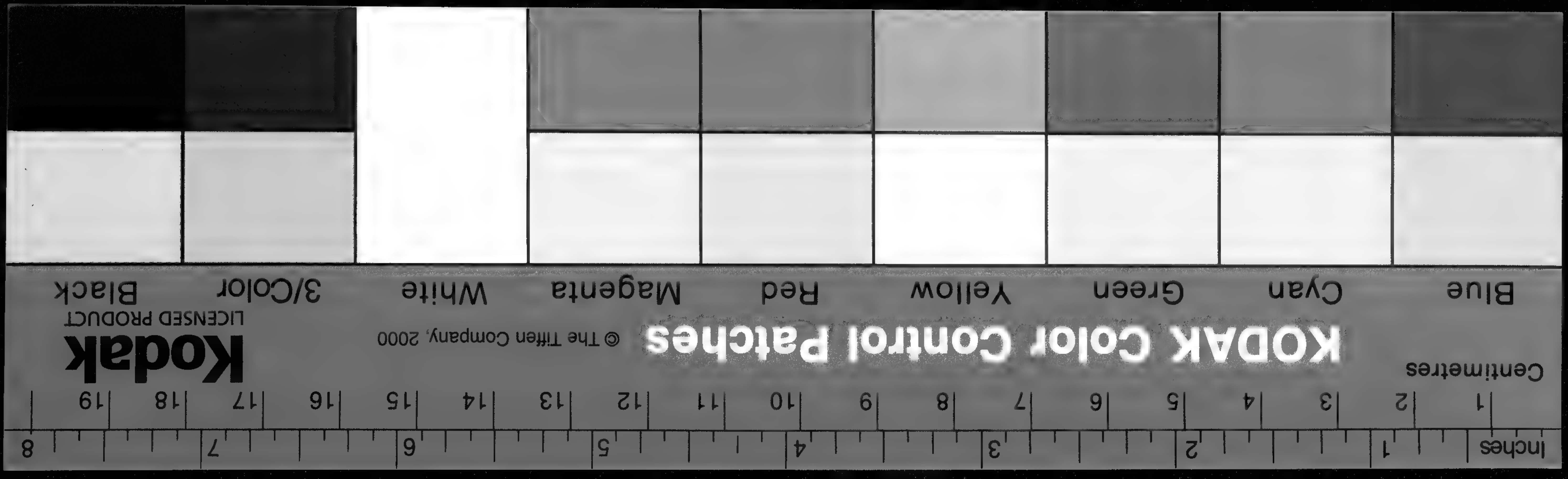
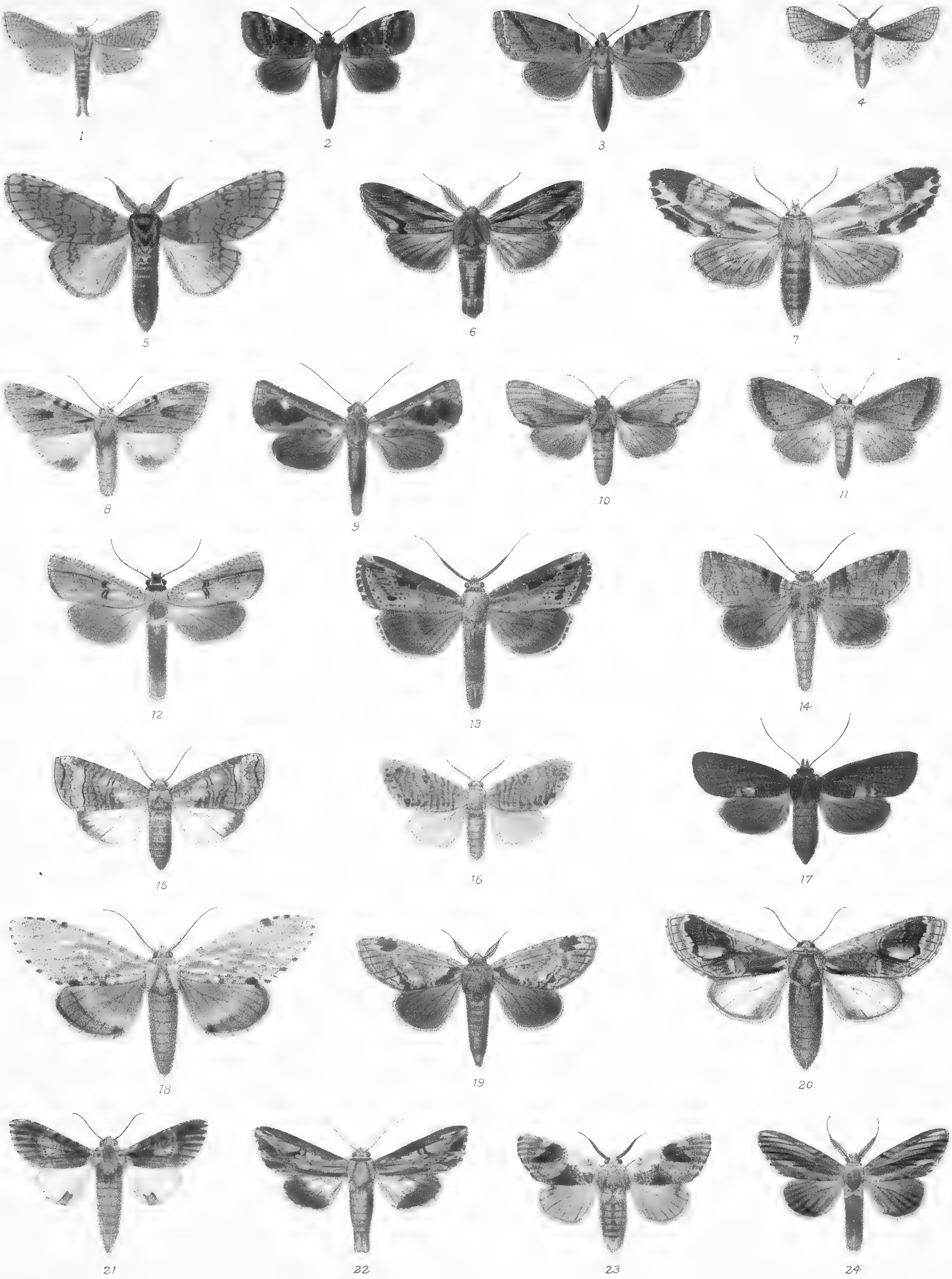


9

1 PHASSUS TRIANGULARIS.	4 PHASSUS MARCIUS.	7 ARBELA PHILOBIA.
2 DALACA SERTA.	5 " SMITHI.	8 " MANES.
3 " TEREA.	6 ARBELA NORAX.	9 " TACITA.

W. Purkiss lth. Hanhart imp 701.

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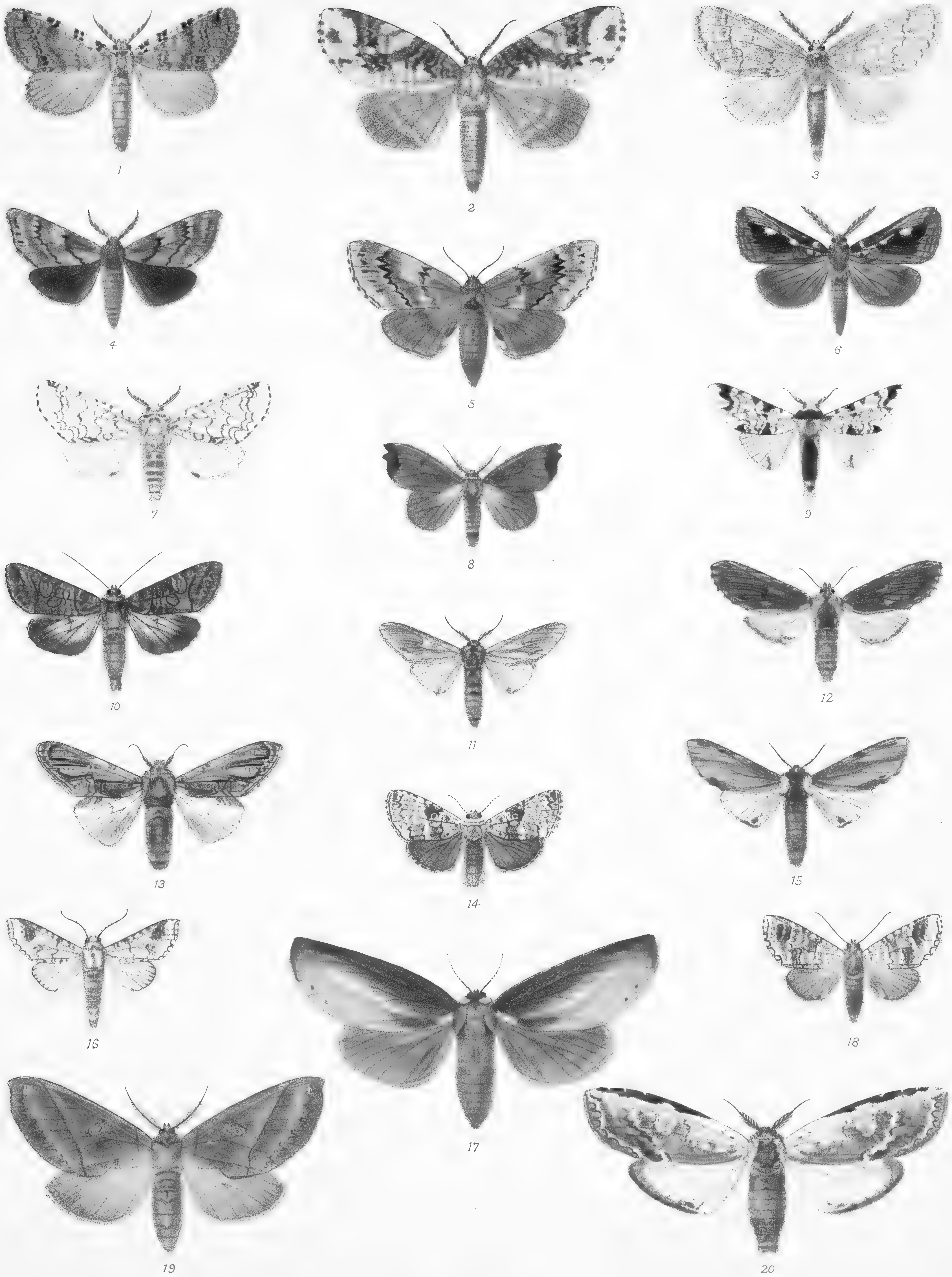
1♂ ARBELA NAIS.
2♂ ŒDEMASIA (?) ALCIMEDE.
3 " DURONIA.
4♀ ARBELA NAIS.
5♂ CECRITA REMURIA.
6♂ ŒDEMASIA TERRENA.
7♀ " XYLINATA.
8 SCHIZURA TONAC.

9 EDEMA LANASSA.
10 DASYLOPHIA DEBA.
11♀ " ZETHUS.
12♂ EDEMA ALATA.
13♂ " ANICA.
14♂ " MORONA.
15♀ " TLOTZIN.
16♀ MAGAVA MULTILINEA.

17 LOCHMÆUS ALBOSIGMA.
18♂ HETEROCAMPA ARGENTATA.
19♂ " MONTANA.
20♀ " DAONA.
21♂ " CROSSÆA.
22♂ " (?) NEA.
23♂ " SAGANA.
24♂ " ACONTHEA.

W. Purkiss lith.

Hanhart imp.
703.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1♂ HETEROCAMPA (?) PYLAON.
2♂ " LÆCA.
3♂ SYMMERISTA ALBA.
4♂, 5♀ HETEROCAMPA PYRRHA.
6♂ " (?) LEONA.
7♂ CERURA RARATA.

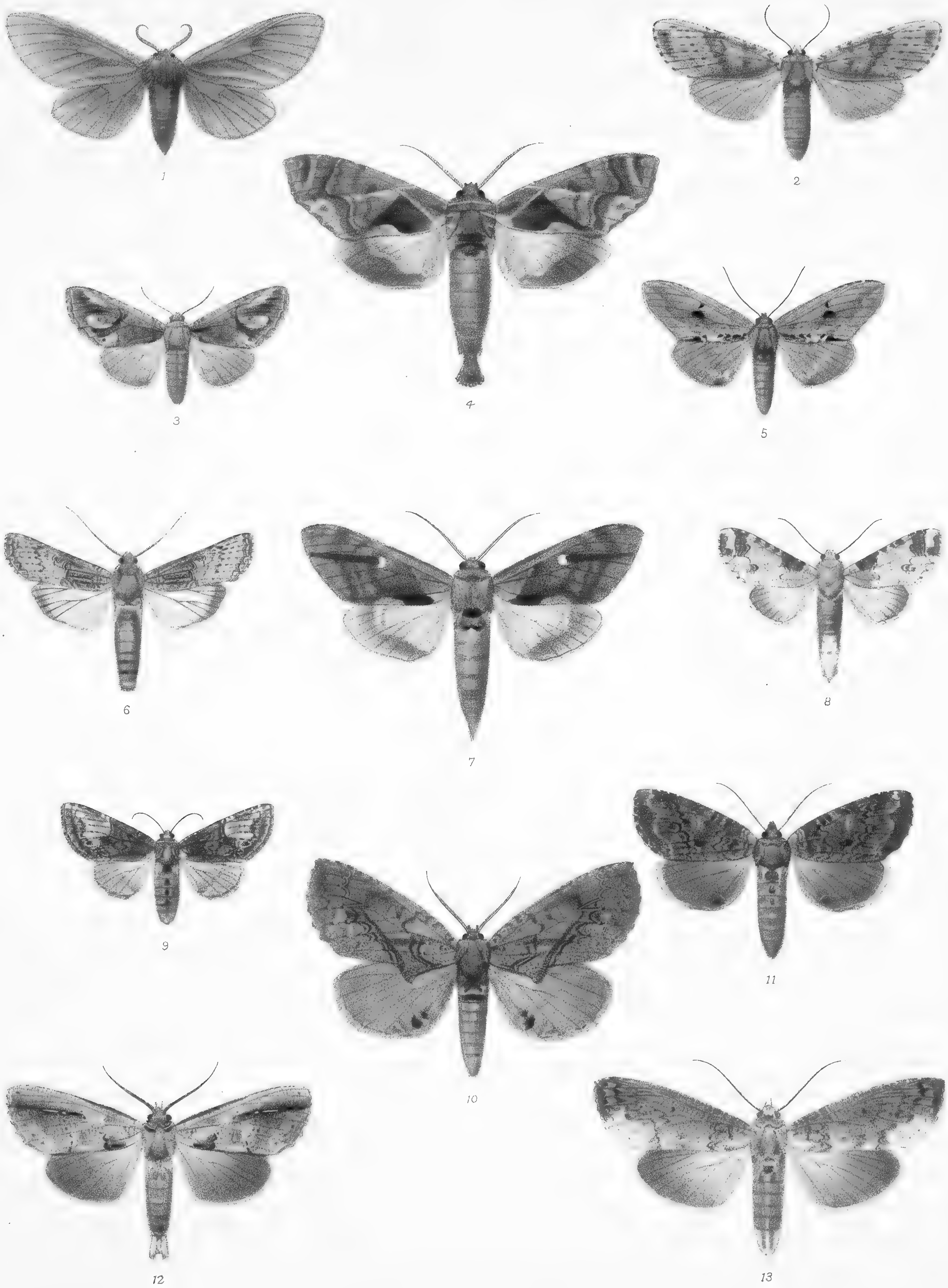
8♂ ROSEMA THESTIA.
9♂ CERURA DANDON.
10 MOURALIA ANNULIFERA.
11♂, 12♀ PHYA PHRAORTES.
13♂ " SALONA.
14♂ CERURA (?) RHOTANA.

15♂ PHYA DELA.
16♂ CERURA TENUIS.
17♀ TIFAMA (?) DARDANIA.
18♀ CERURA TENUIS.
19 HAPIGIA XOLOTL.
20♂ LIRIMIRIS LIGNITECTA.

W. Purkiss lith.

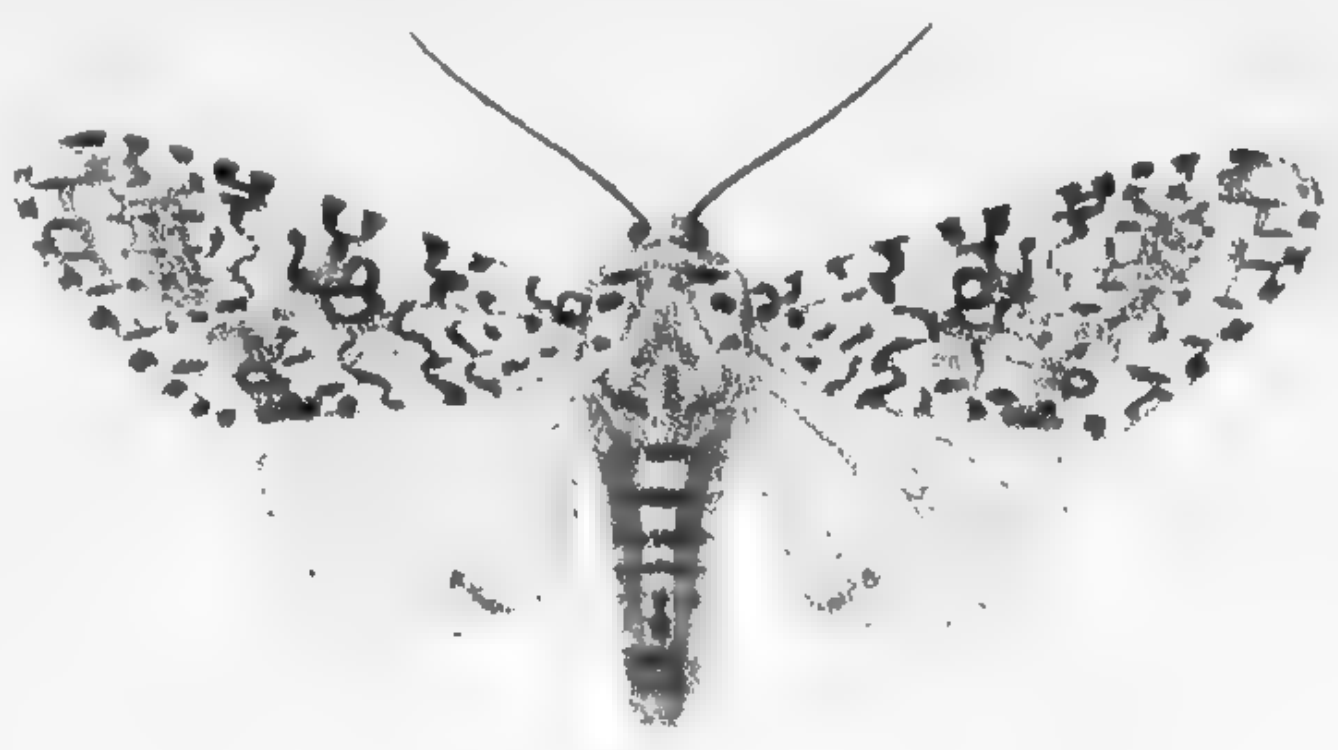
Hanhart imp.
704.

Blue
Cyan
Green
Yellow
Red
Magenta
White
3/Color
Black
KODAK Color Control Patches
© The Tiffen Company, 2000
Kodak
LICENSED PRODUCT
Centimetres
Inches



1 NOTODONTA DARA.
2♀ NYSTALEA SABELLA.
3♀ RIFARGIA GELDUBA.
4♂ CRINODES RITSEMÆ.
5♀ LIRIMIRIS (?) MEPHITIS.
6♂ NYSTALEA SABELLA.
7♂ CRINODES ABSCONDENS.
8♂ NYSTALEA ARECOSA.
9 RIFARGIA MASTA.
10♂ NAPREPA PULCHERIA.
11♀ NYSTALEA DANALA.
12♂ " (?) DEMEA.
13♀ " SAMBANA.

W. Purkiss lith.
Hanhart imp.
705.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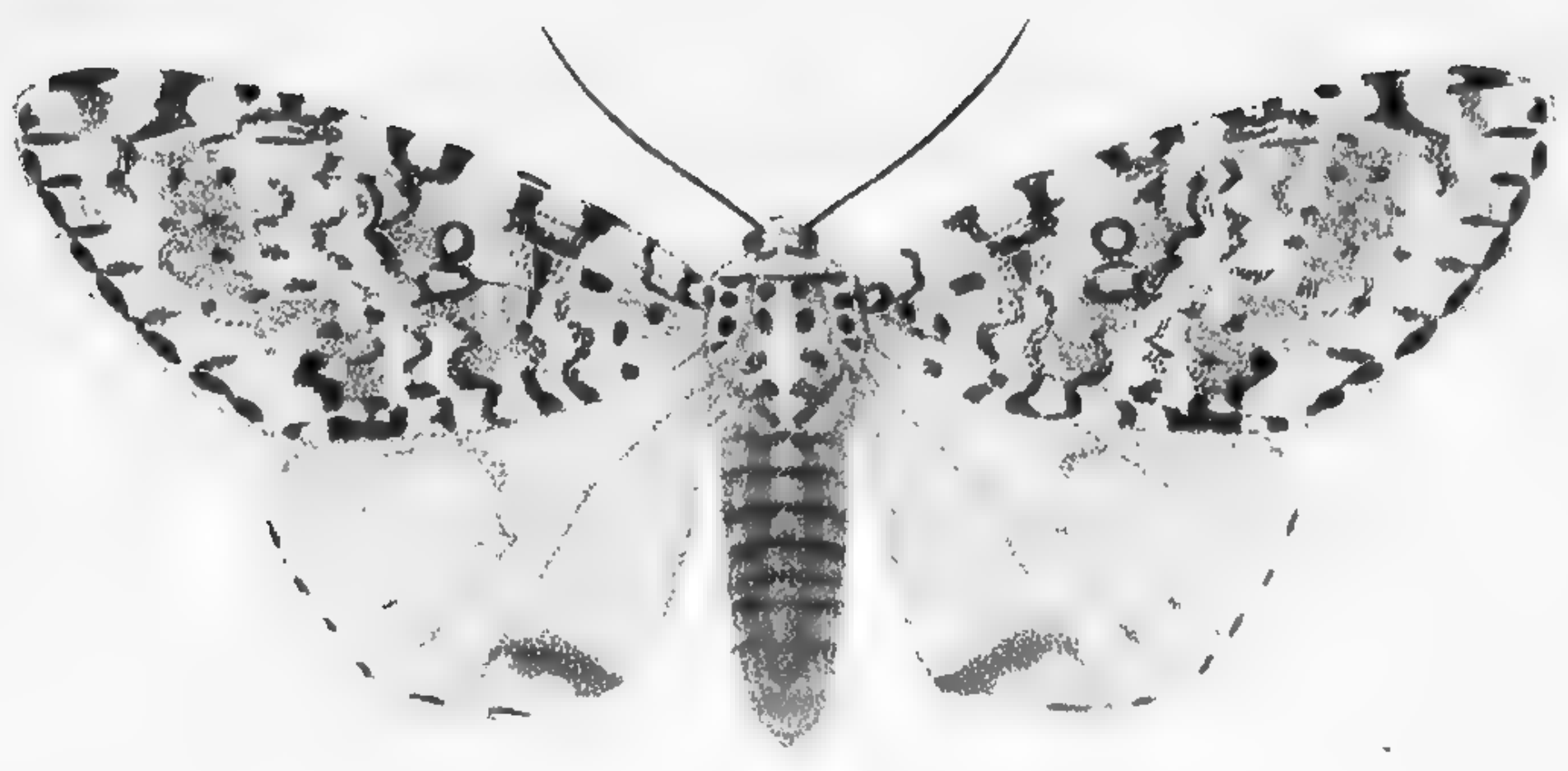
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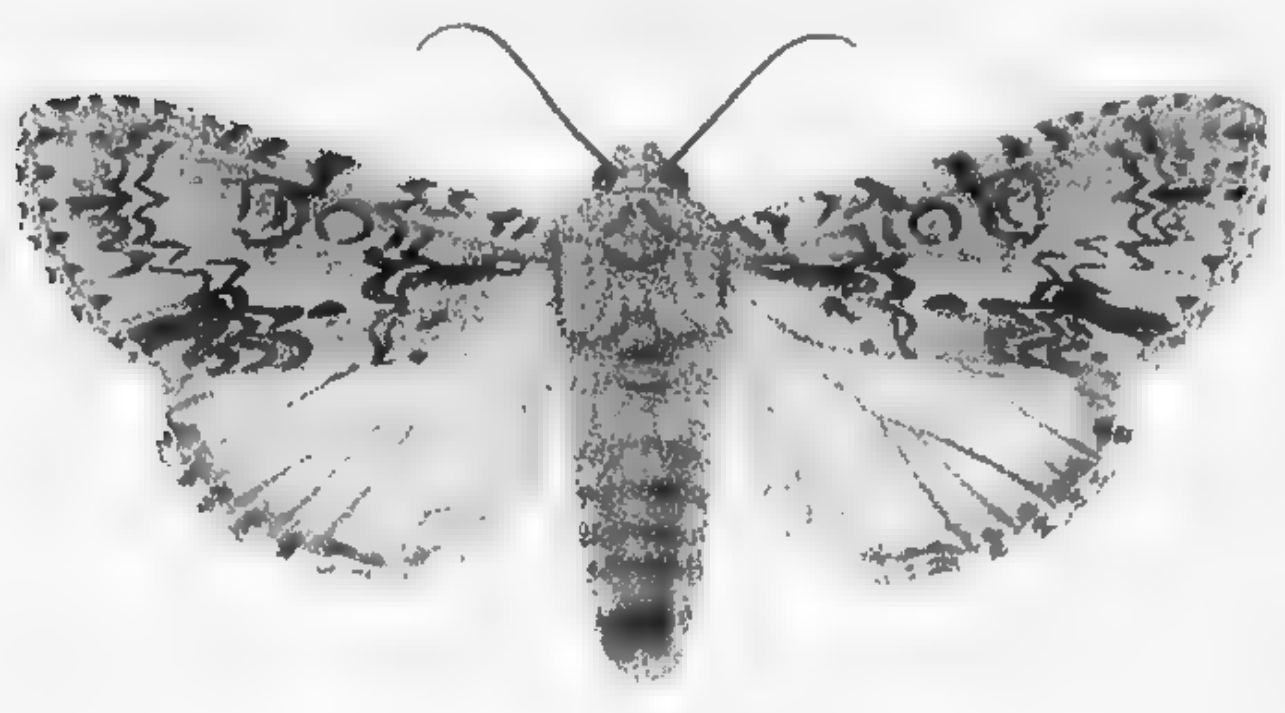
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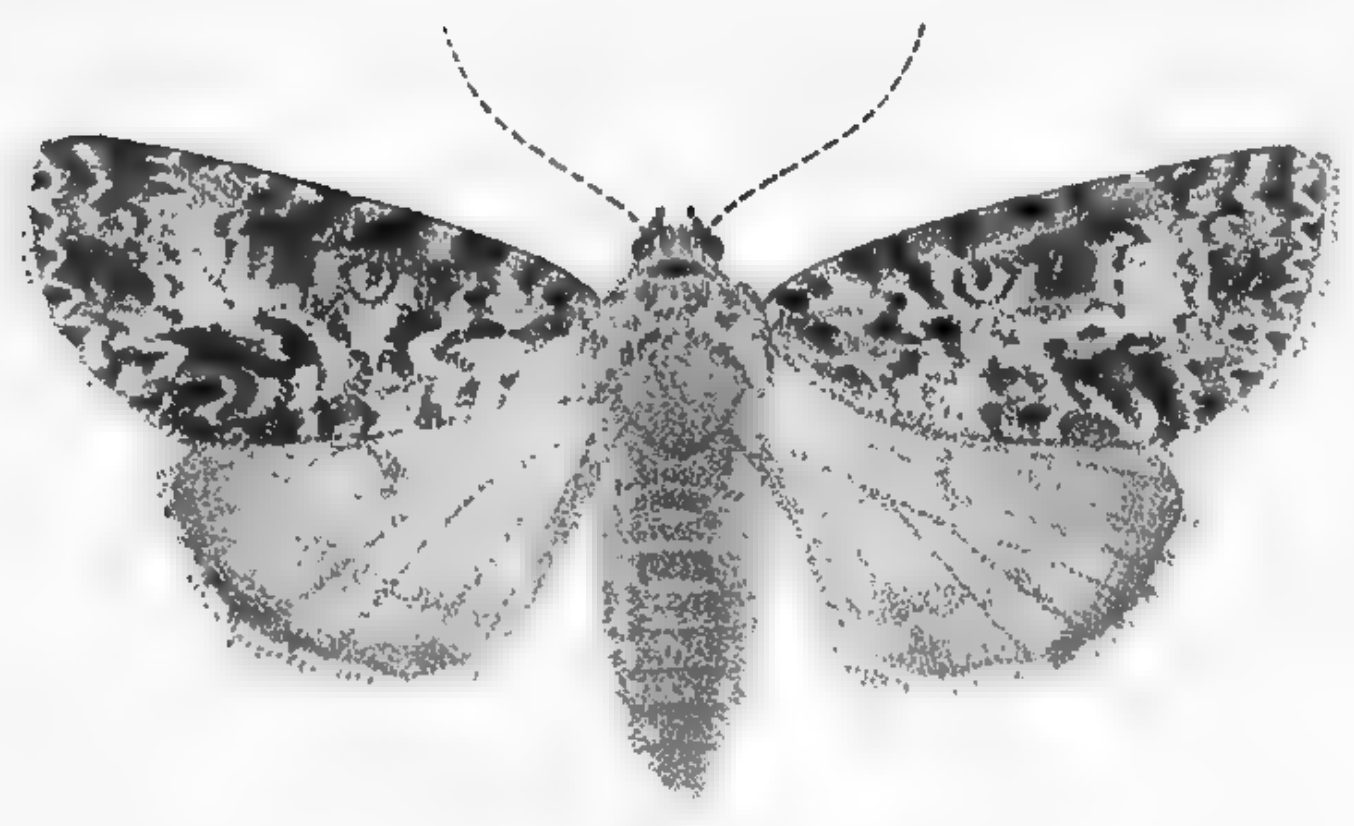
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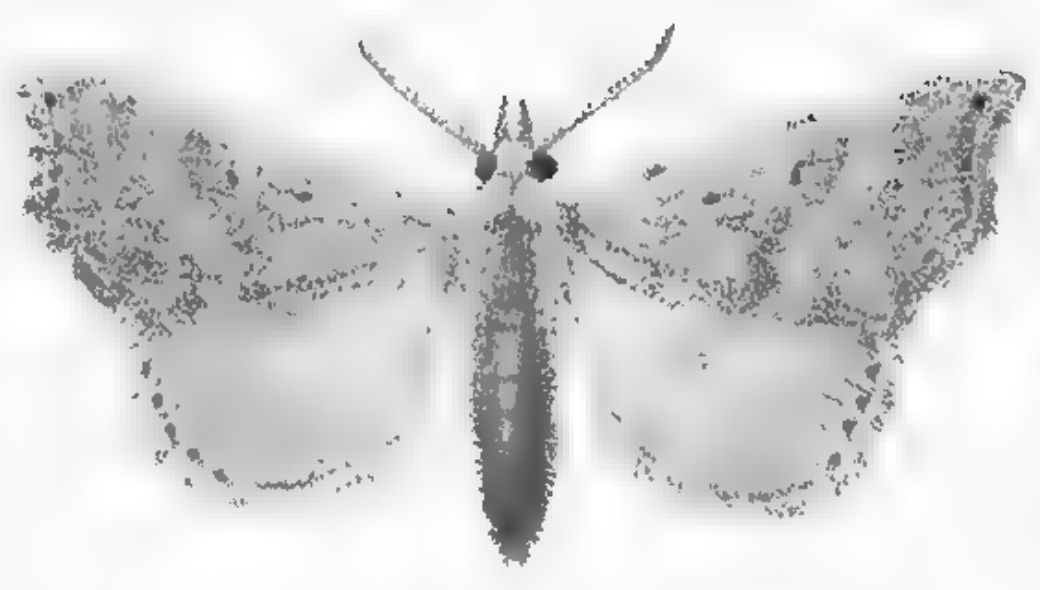
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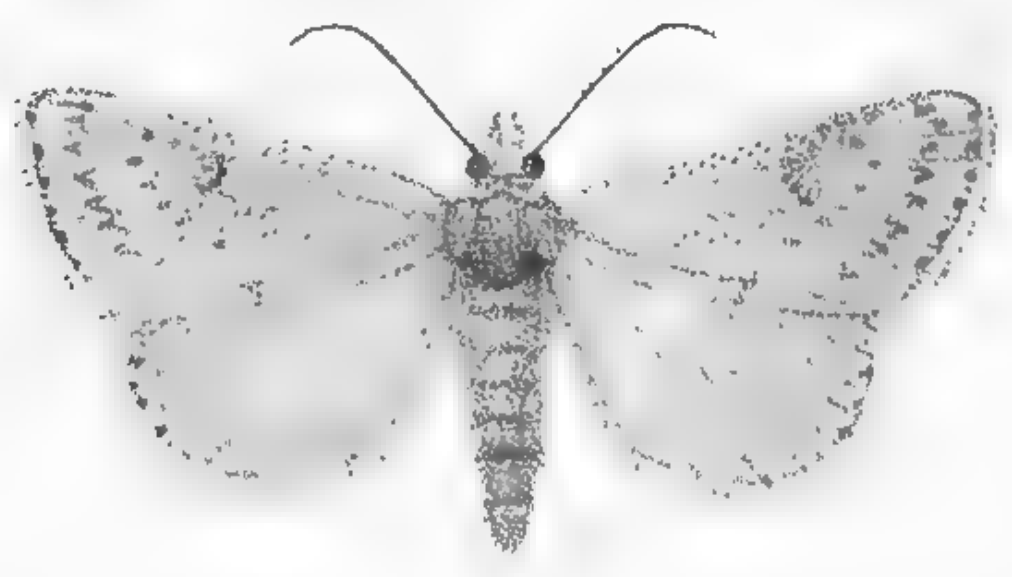
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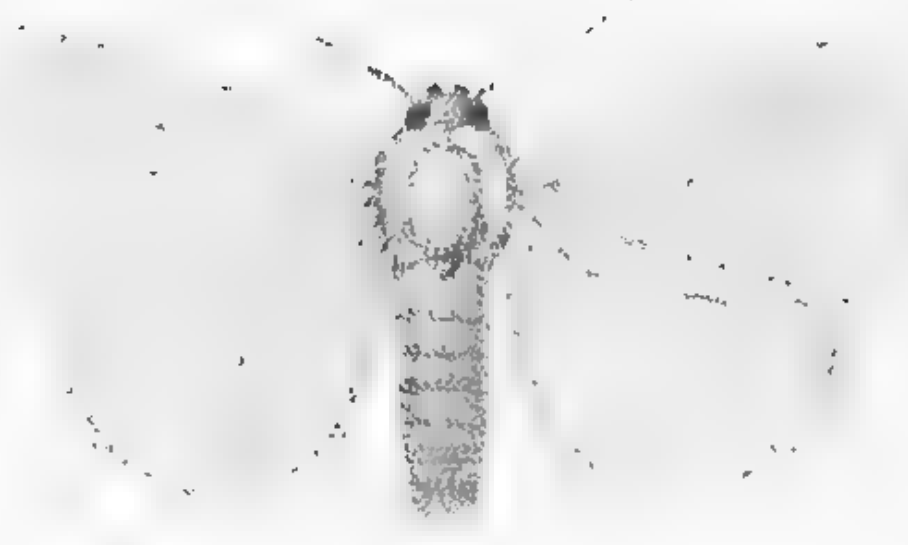
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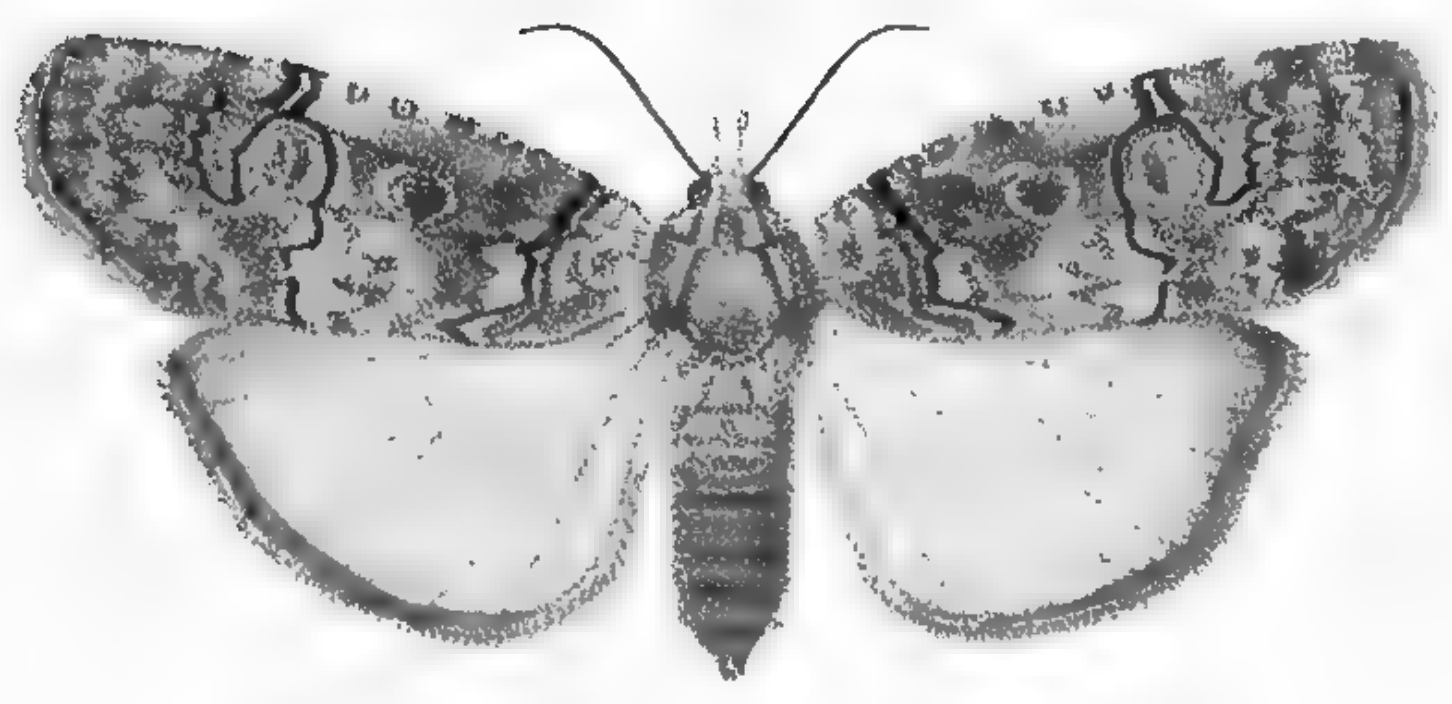
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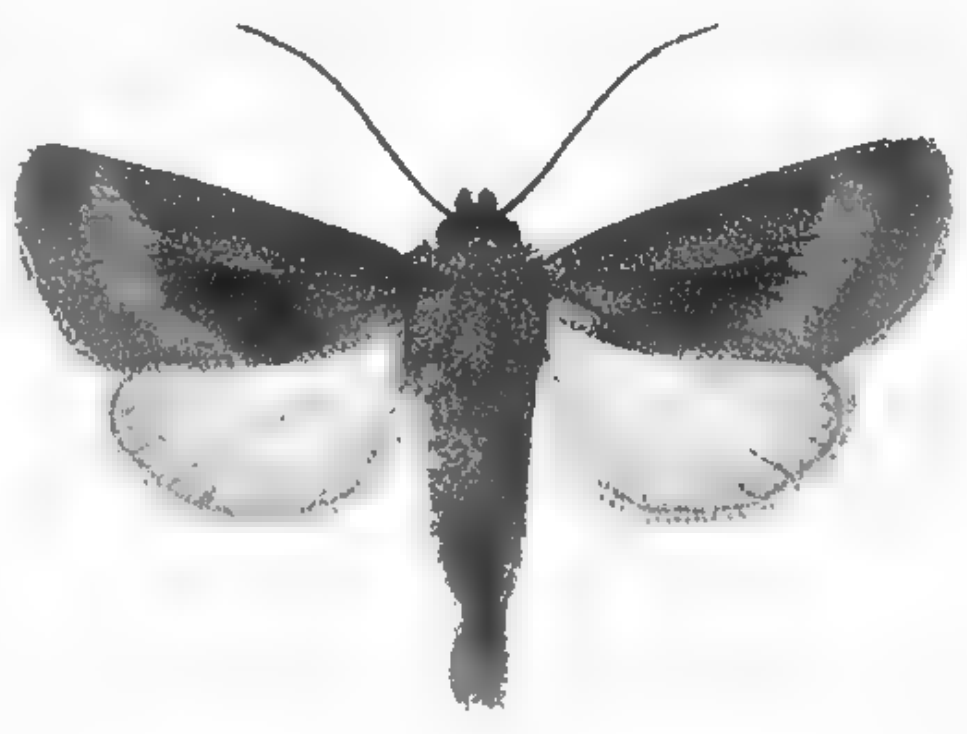
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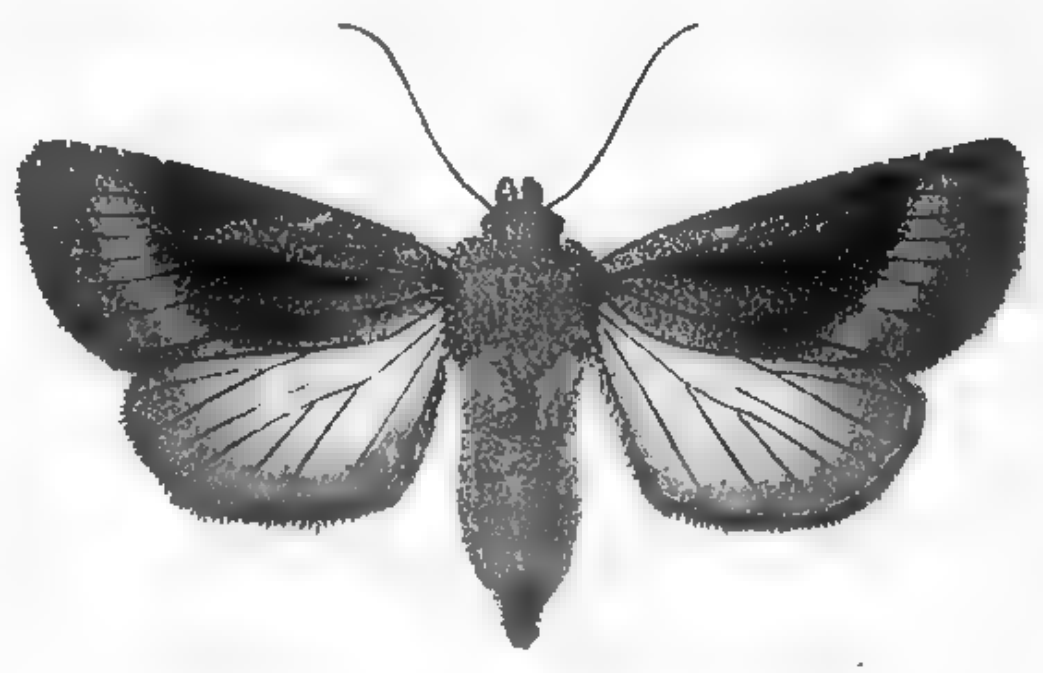
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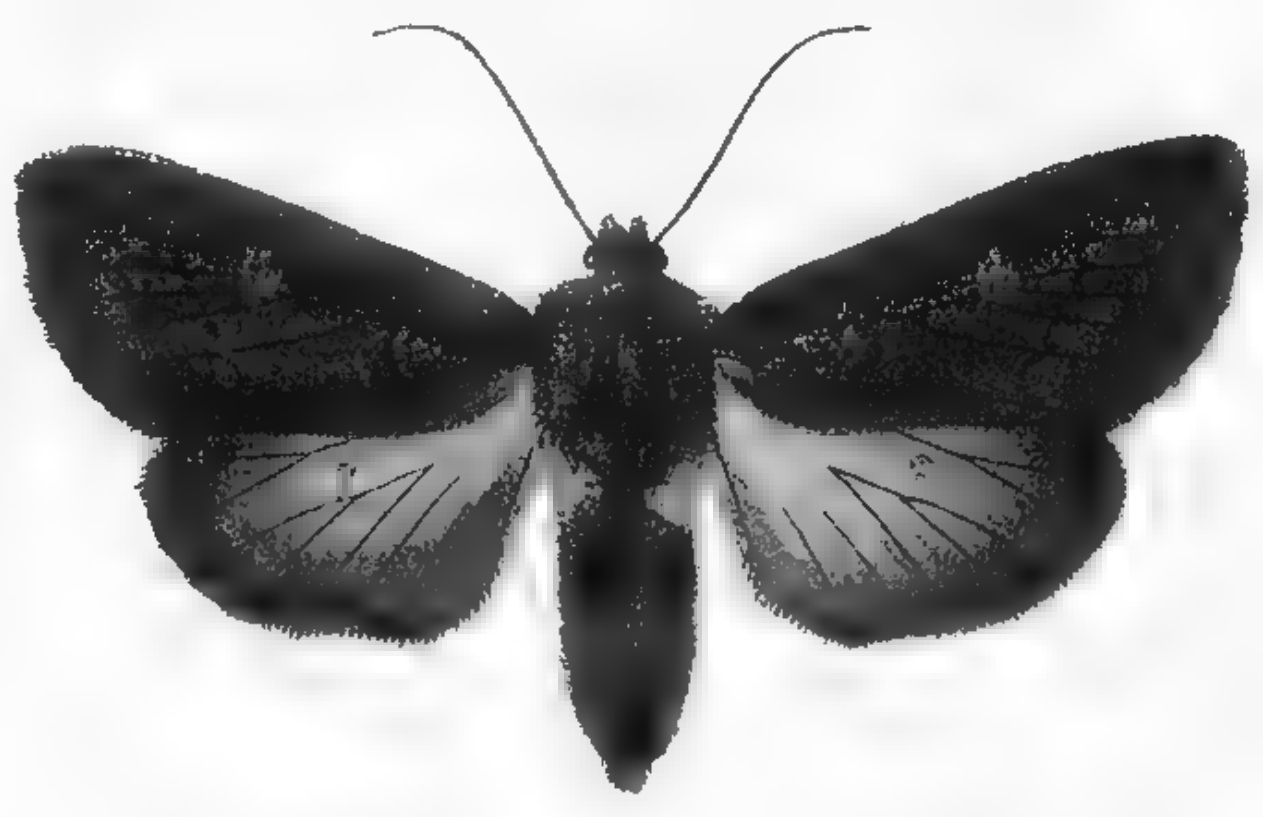
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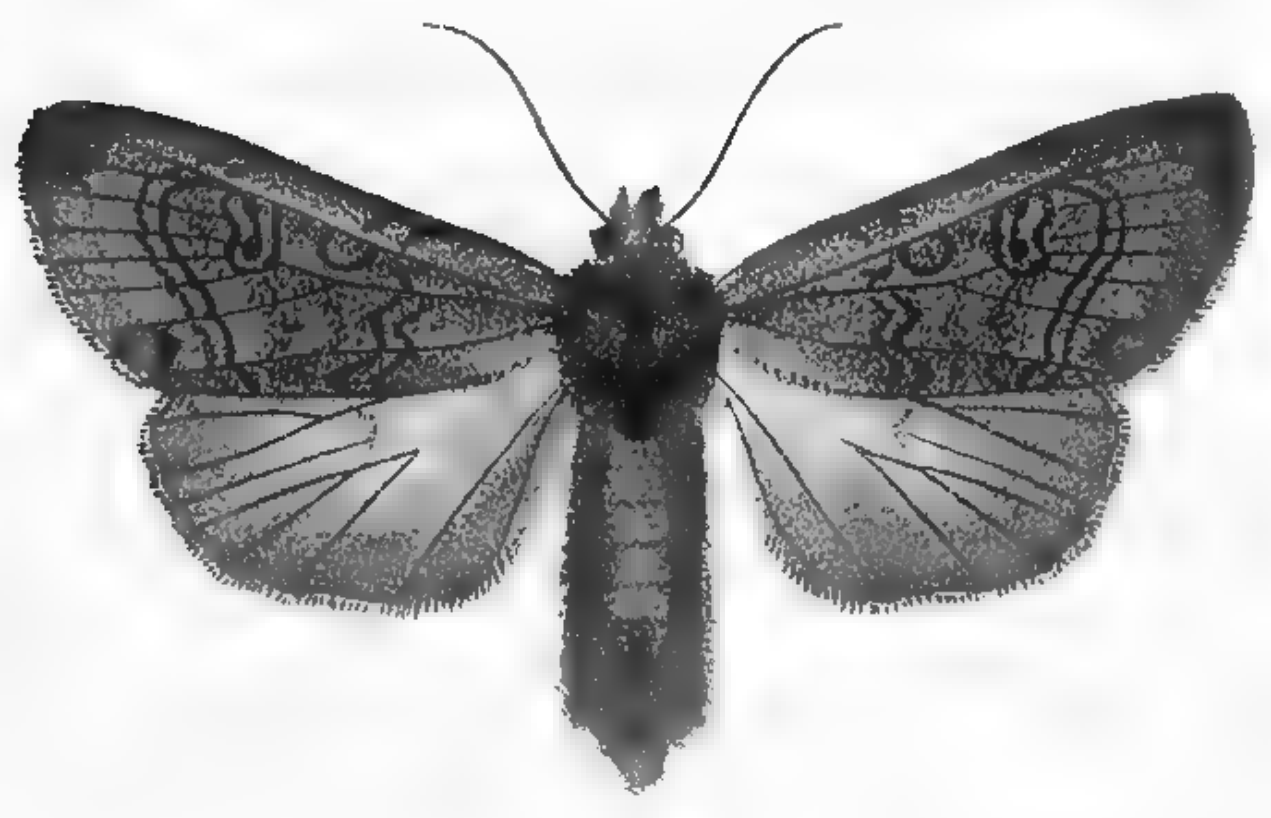
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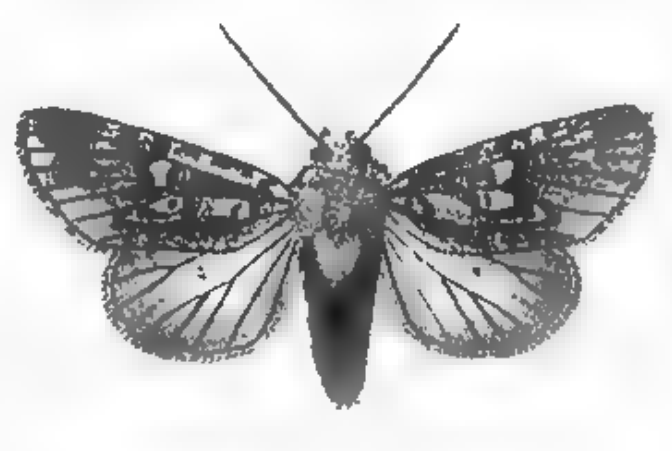
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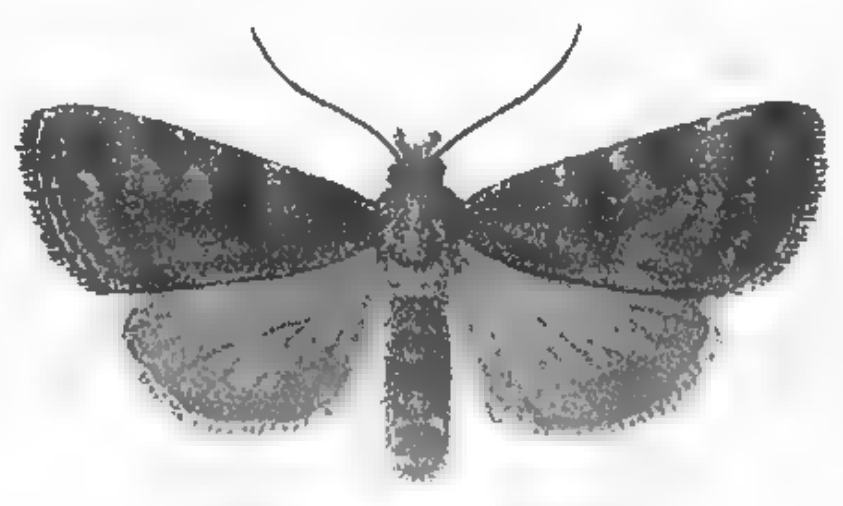
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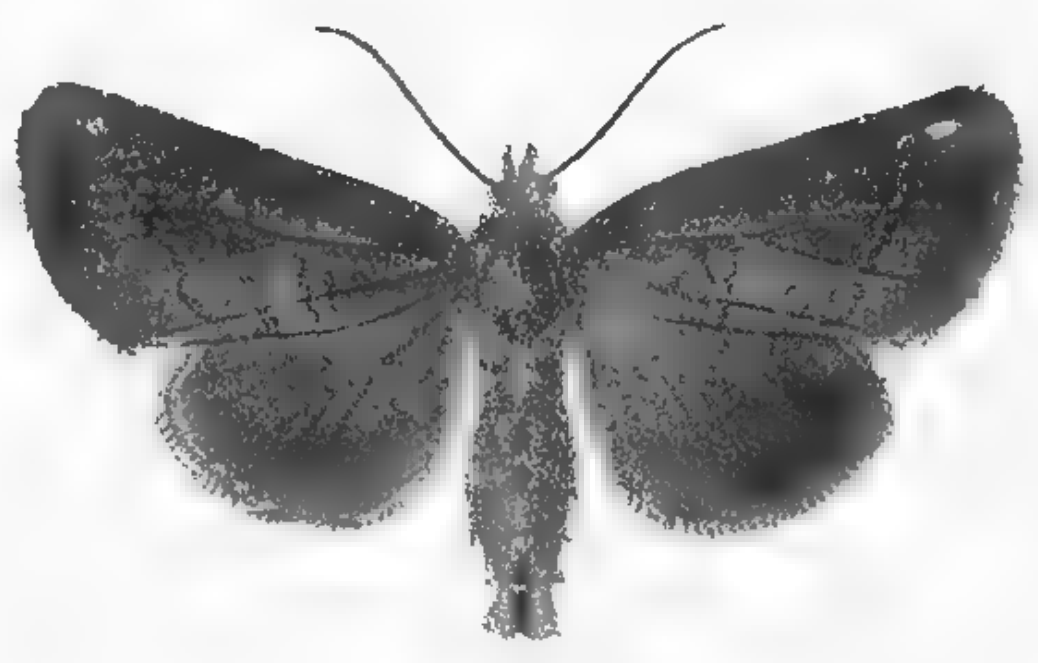
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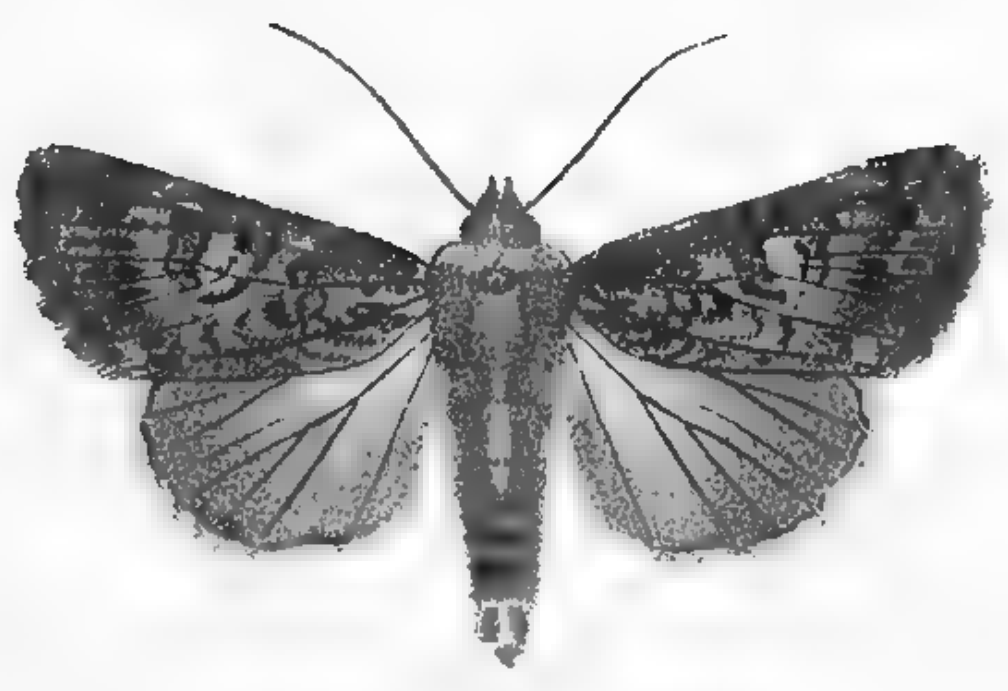
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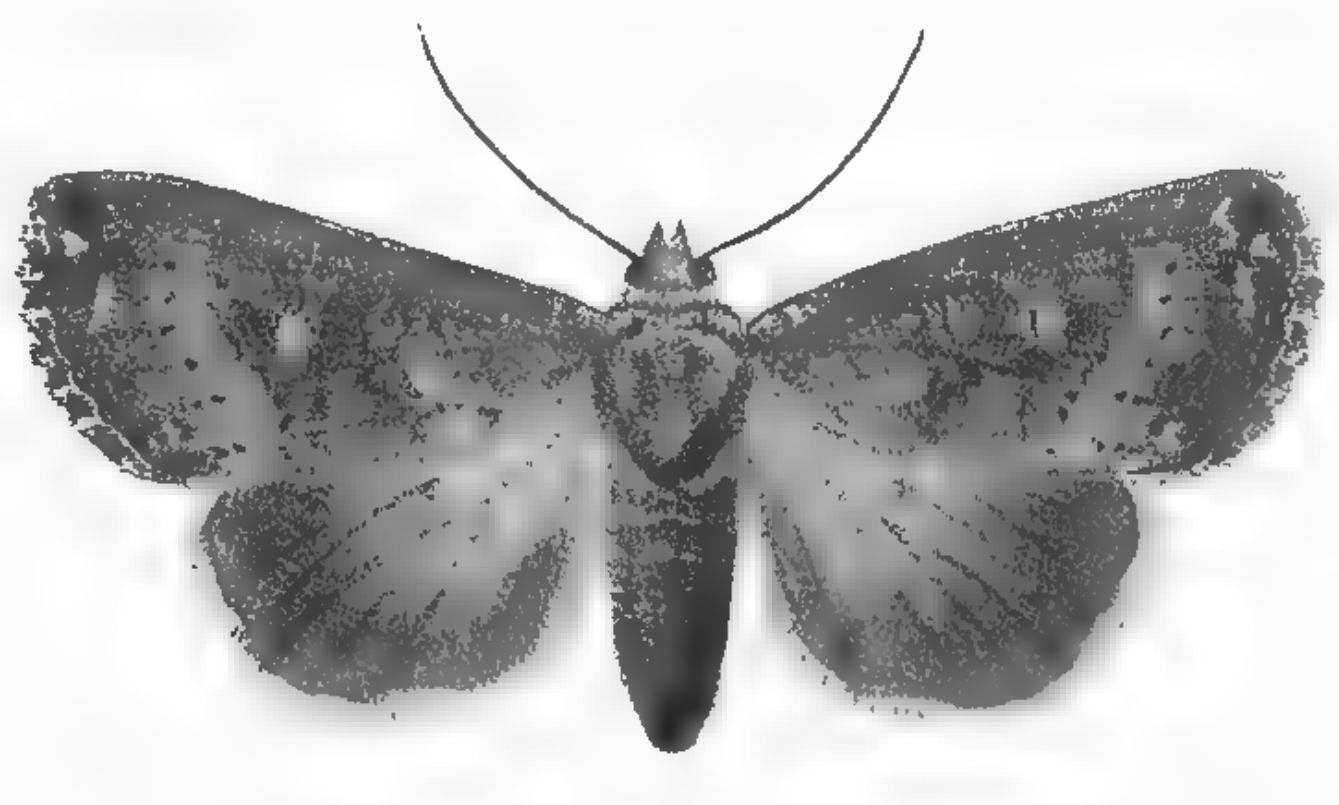
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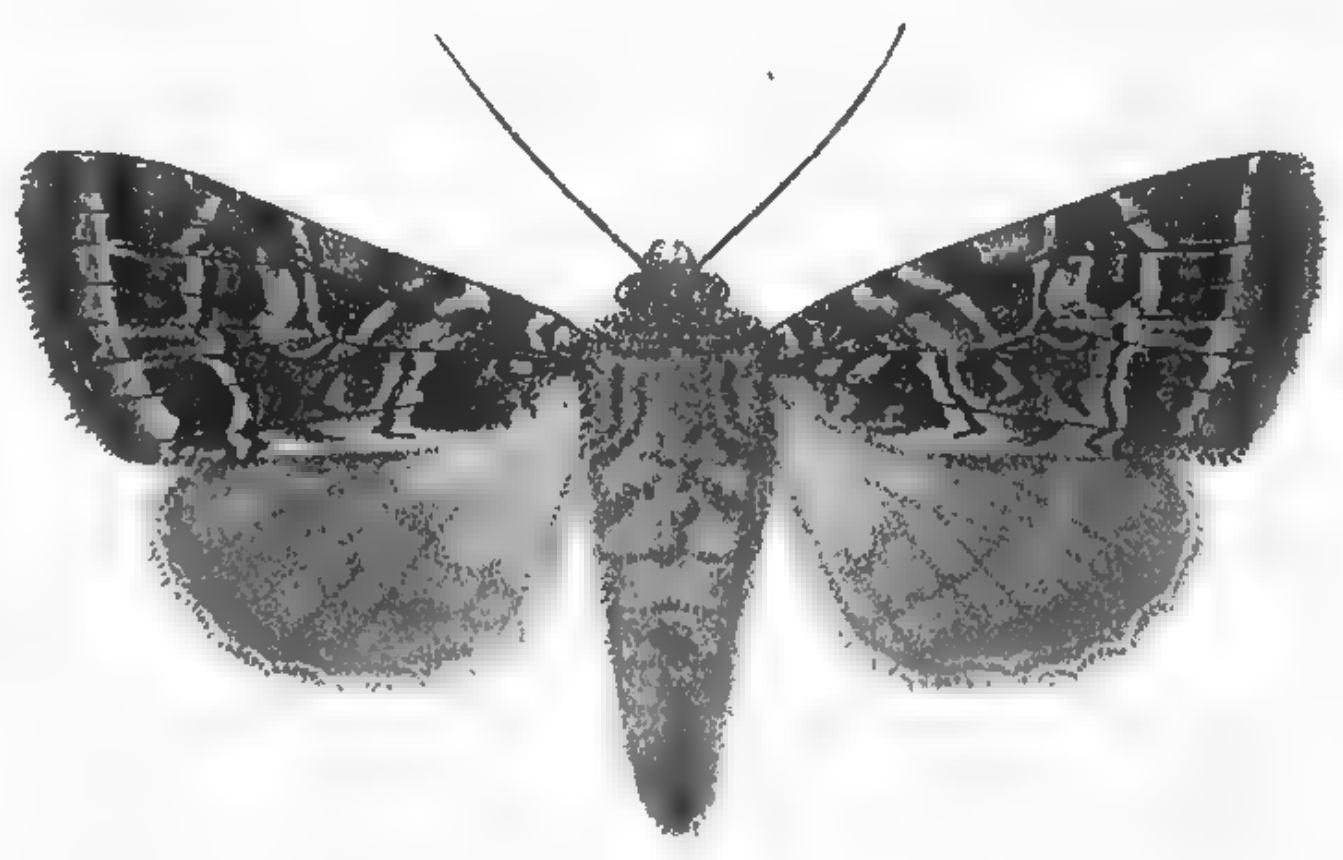
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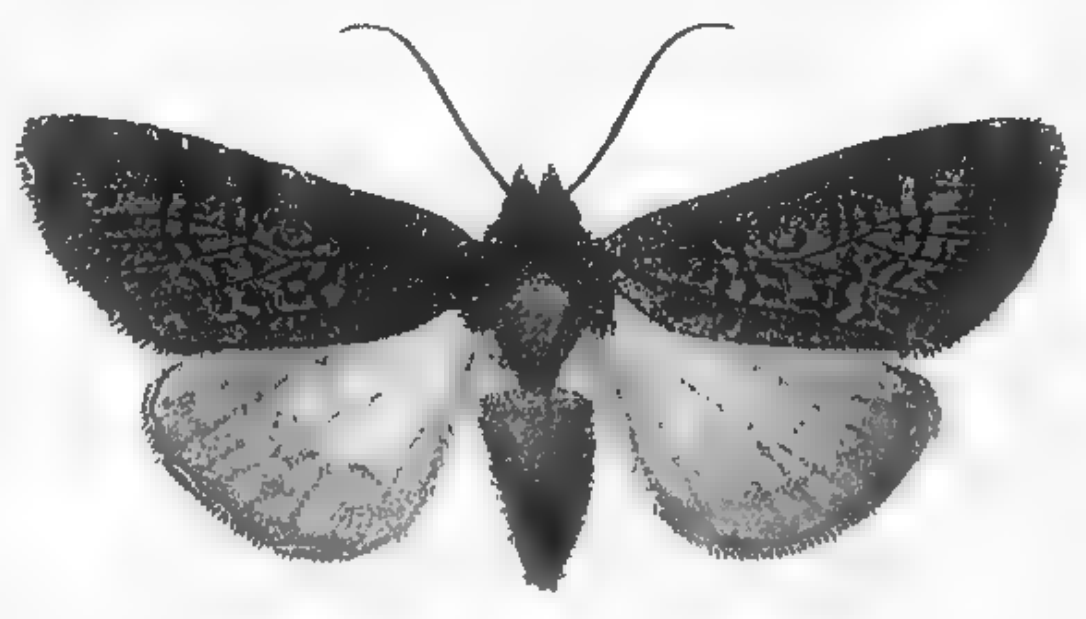
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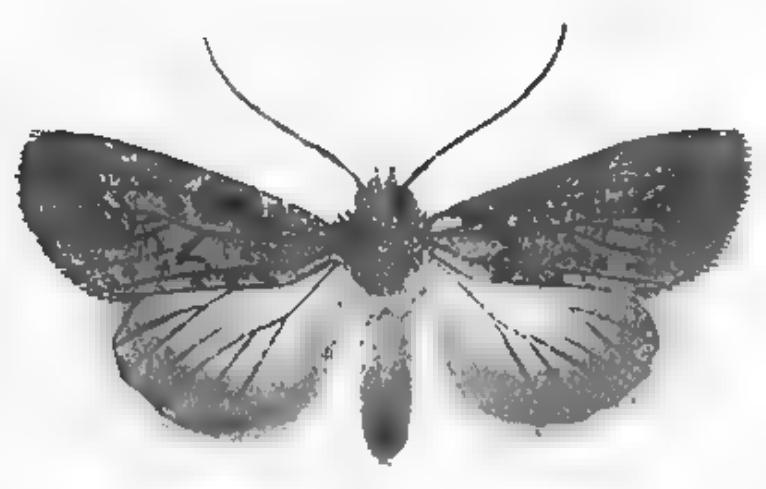
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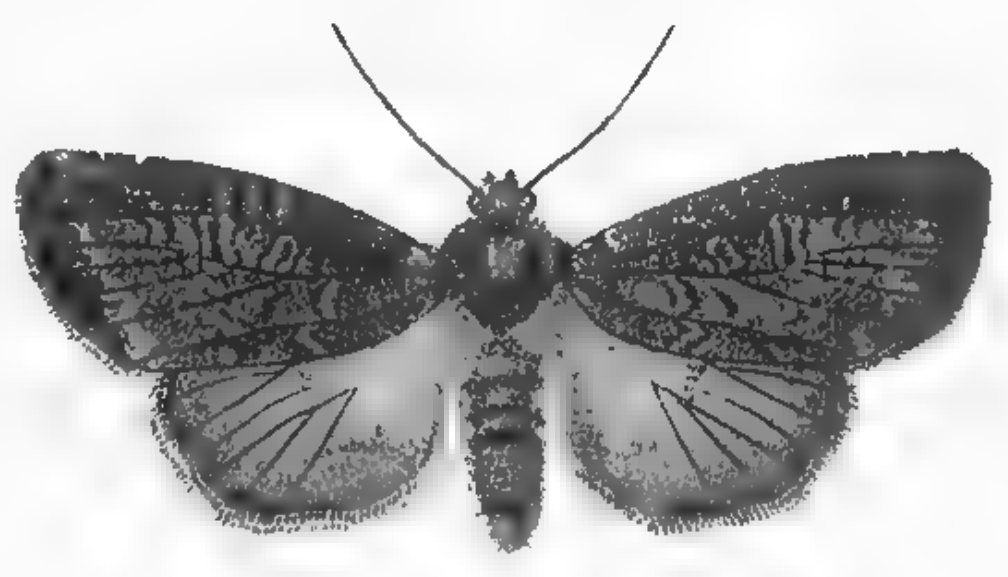
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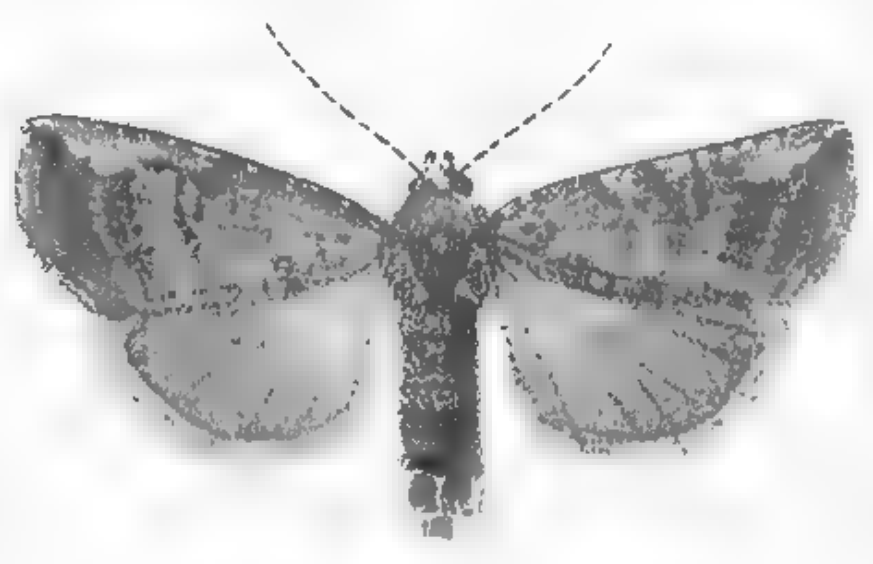
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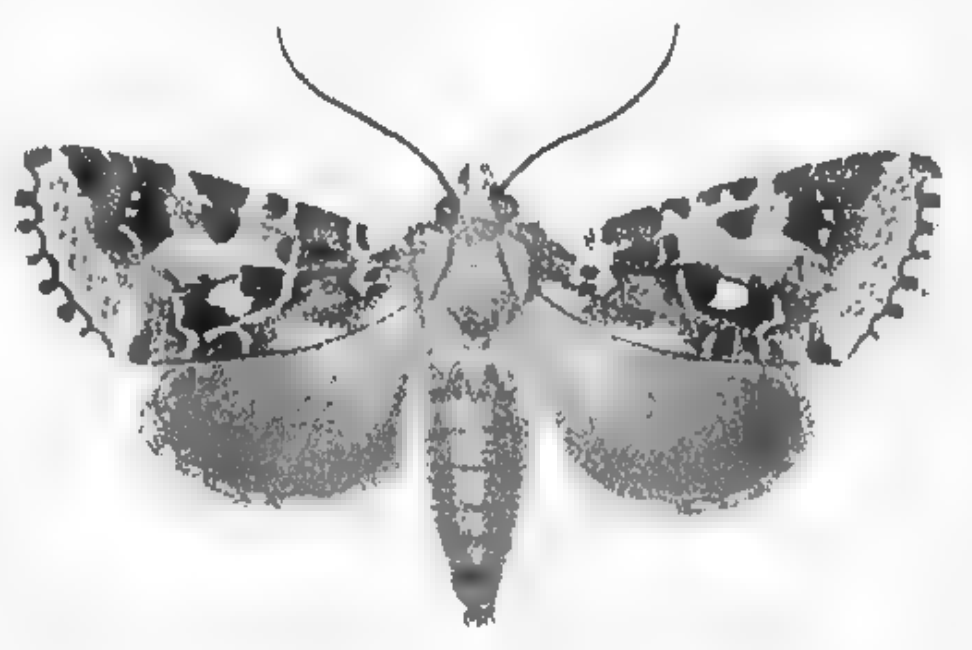
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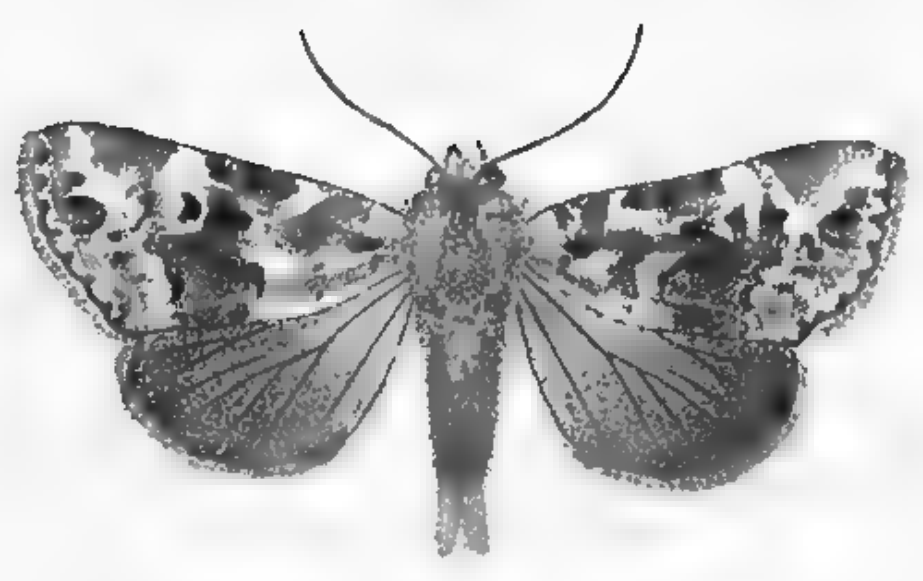
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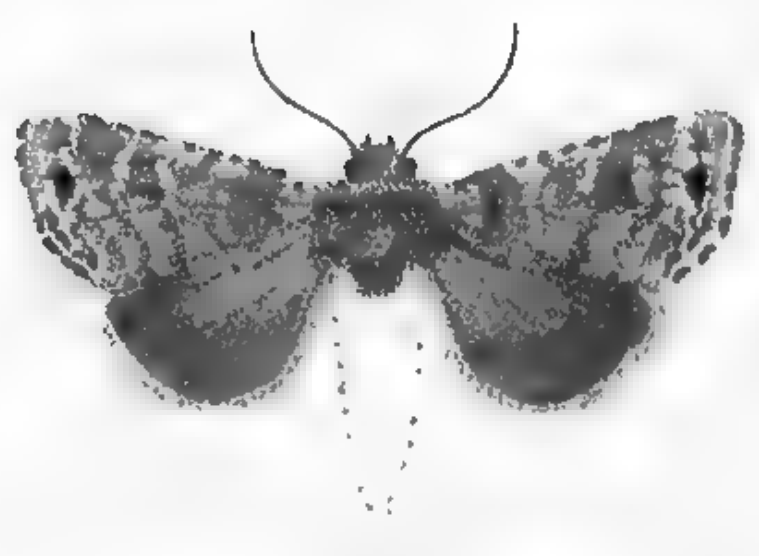
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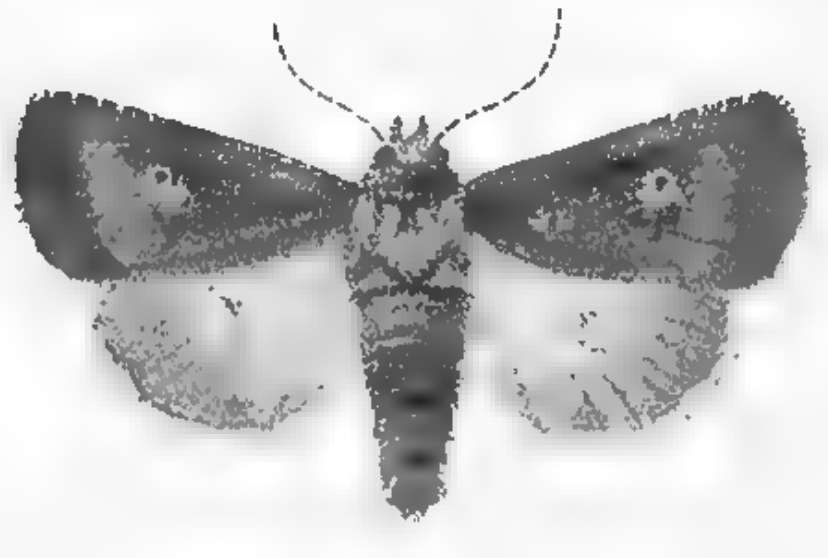
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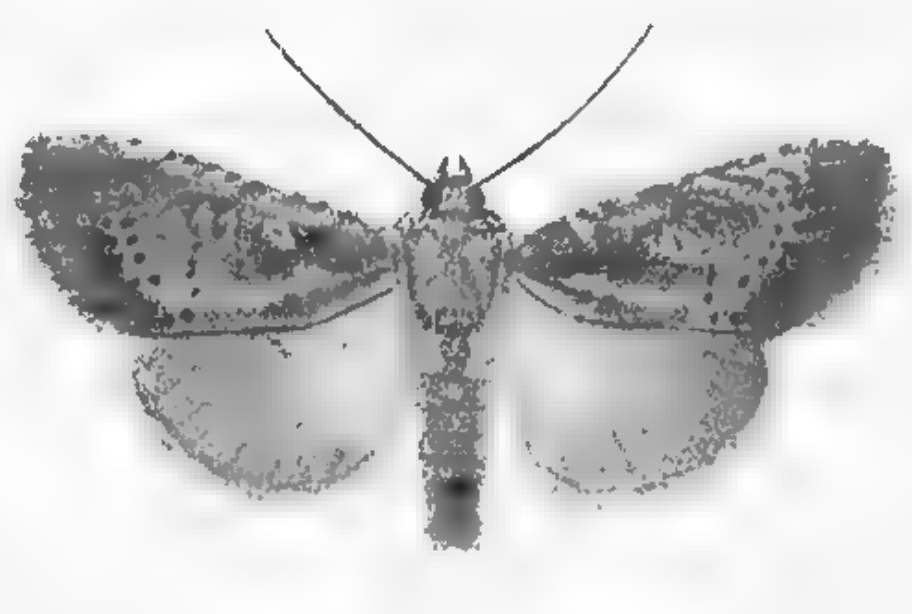
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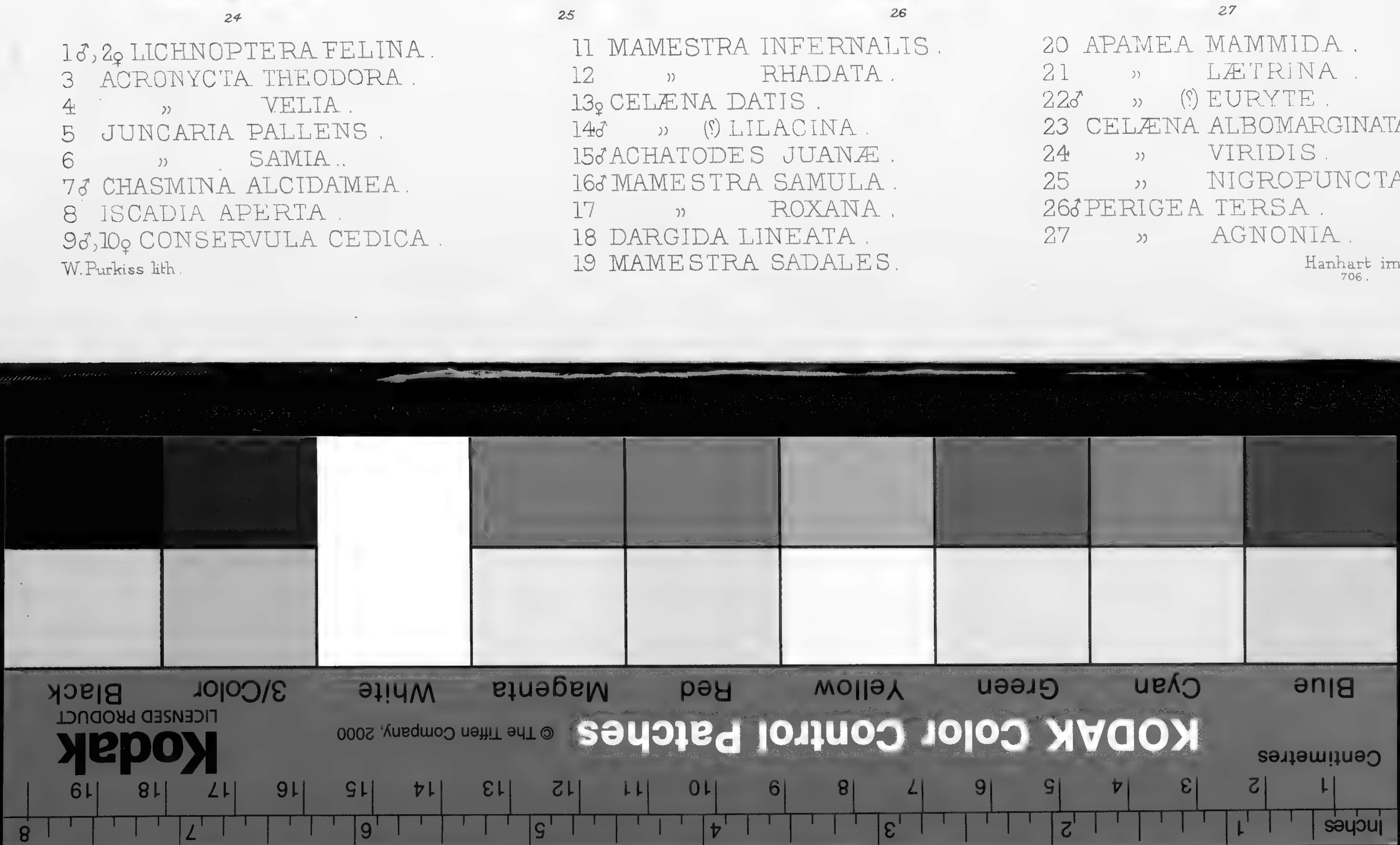
1♂, 2♀ LICHNOPTERA FELINA.
3 ACRONYCTA THEODORA.
4 ,, VELIA.
5 JUNCARIA PALLENS.
6 ,, SAMIA.
7♂ CHASMINA ALCIDAMEA.
8 ISCADIA APERTA.
9♂, 10♀ CONSERVULA CEDICA.
W. Purkiss lith.

11 MAMESTRA INFERNALIS.
12 ,, RHADATA.
13♀ CELÆNA DATIS.
14♂ ,, (?) LILACINA.
15♂ ACHATODES JUANÆ.
16♂ MAMESTRA SAMULA.
17 ,, ROXANA.
18 DARGIDA LINEATA.
19 MAMESTRA SADALES.

20 APAMEA MAMMIDA.
21 ,, LÆTRINA.
22♂ ,, (?) EURYTE.
23 CELÆNA ALBOMARGINATA.
24 ,, VIRIDIS.
25 ,, NIGROPUNCTA.
26♂ PERIGEA TERSA.
27 ,, AGNONIA.

Hanhart imp.
706.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KODAK Color Control Patches
© The Tiffen Company, 2000
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LICENSED PRODUCT
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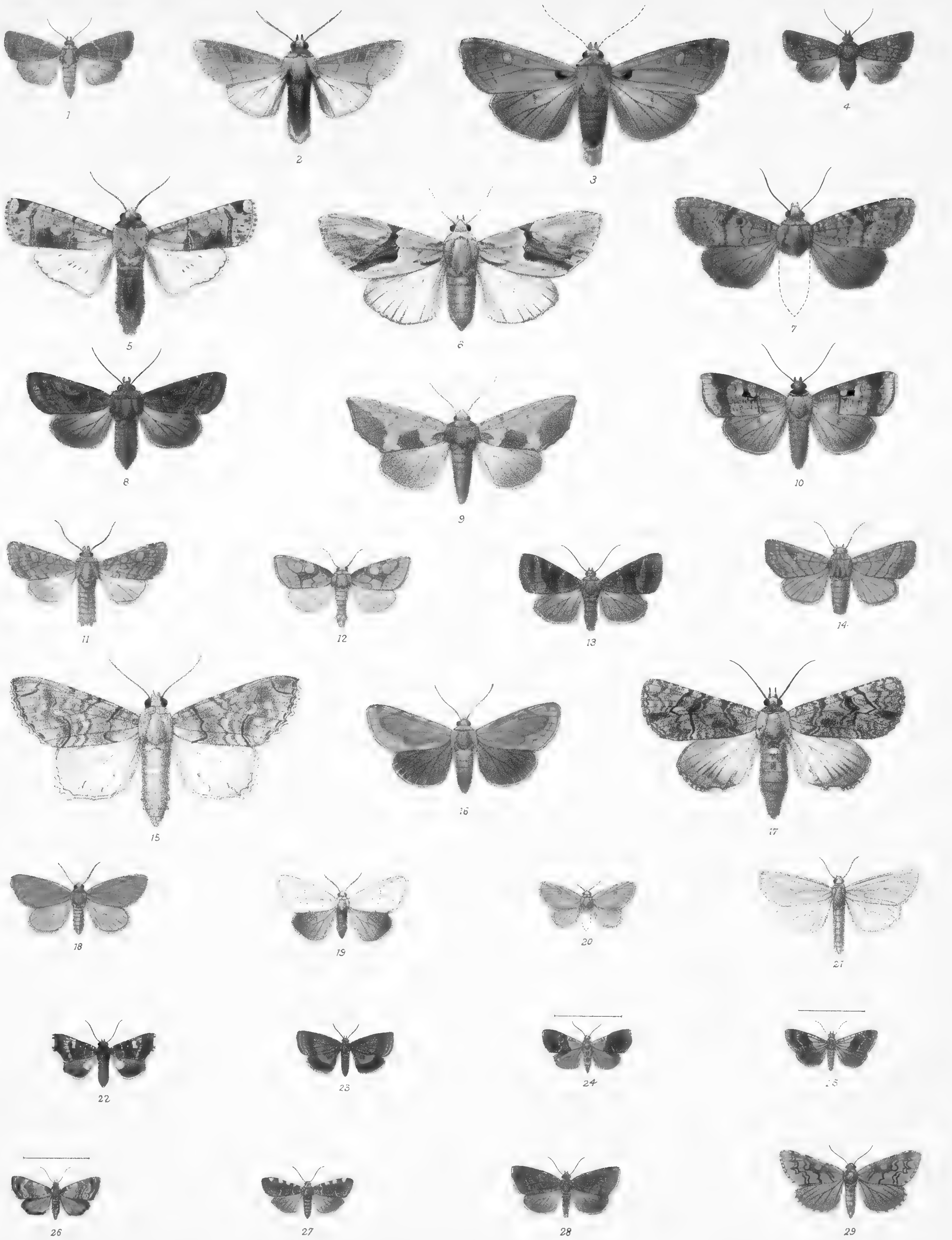

1 CARADRINA ALANA.
2 AGROTIS LAMPTERA.
3 " (?) LIMENIA.
4 PERIGEA ADONEA.
5 AGROTIS DAUNUS.
6 ANTACHARA (?) SUPERBA.
7 AGROTIS FORNAX.
8 TÆNIOCAMPA VELLEREA.
9 STIRIA RUGIFRONS.
10 AMATHES TEMPERATA.

11 XANTHIA ALALA.
12 " ALCANDRA.
13 COSMIA LAORIPA.
14 XANTHIA PATULA.
15 POLIA (?) LORINA.
16 CIRRHOPHANUS TRIANGULIFER.
17 POLIA (?) AMERIA.
18 GROTELLA SALACON.
19 " PYRONÆA.

20 GROTELLA SAMULA.
21 ADISURA GRANDIS.
22 ANARTA AGONAX.
23 PANEMERIA RHEA.
24 AGROPHILA ANÆA.
25 " LUDA.
26 " ORCIDIA.
27 " MATA.
28 METOPONIA UMBRIA.
29 ACONTIA DELA.

N. Parkin lith.

Hanhart imp
707.

Blue Cyan Green Yellow Red Magenta White 3/Color Black
KODAK Color Control Patches © The Tiffen Company, 2000 Kodak LICENSED PRODUCT
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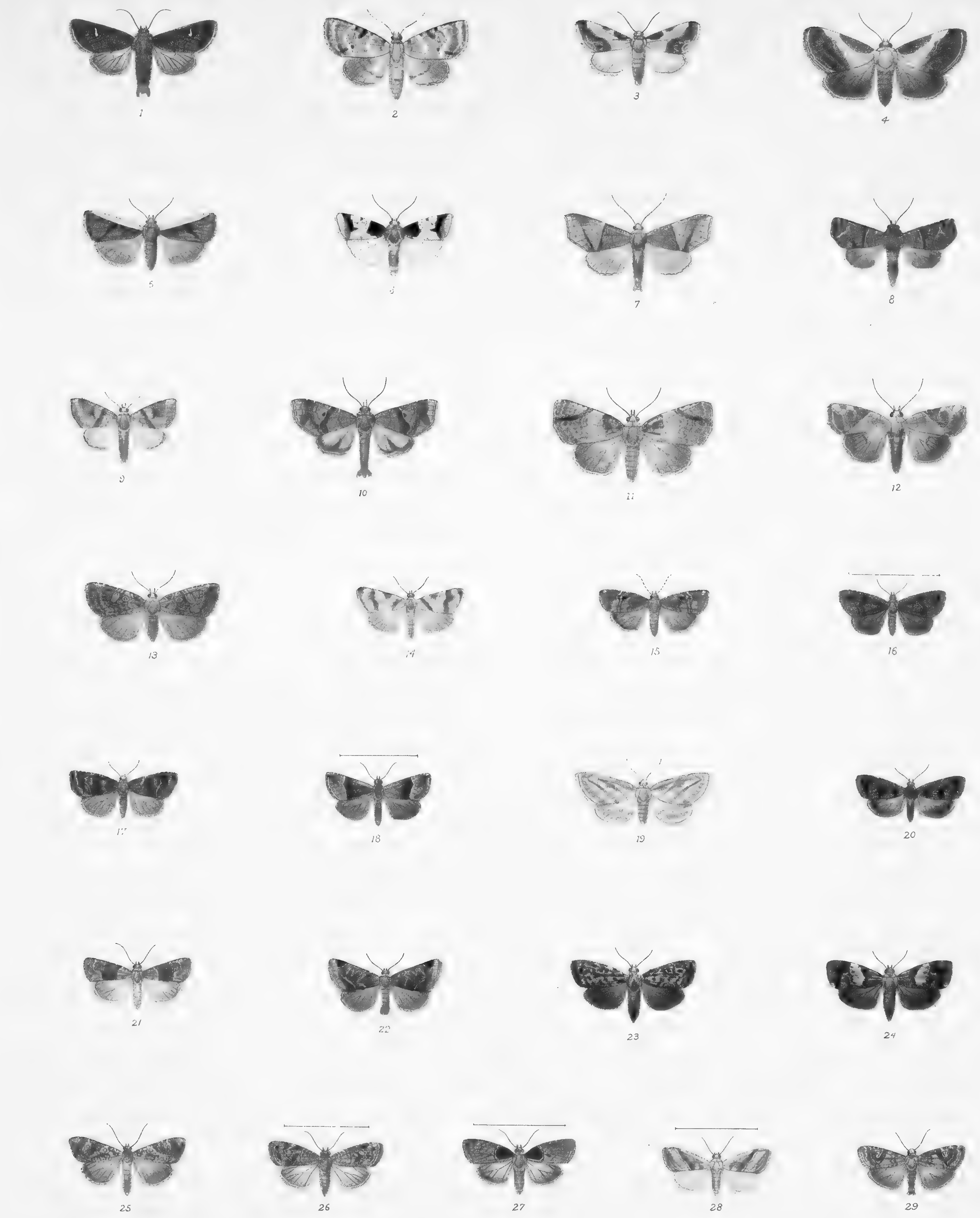
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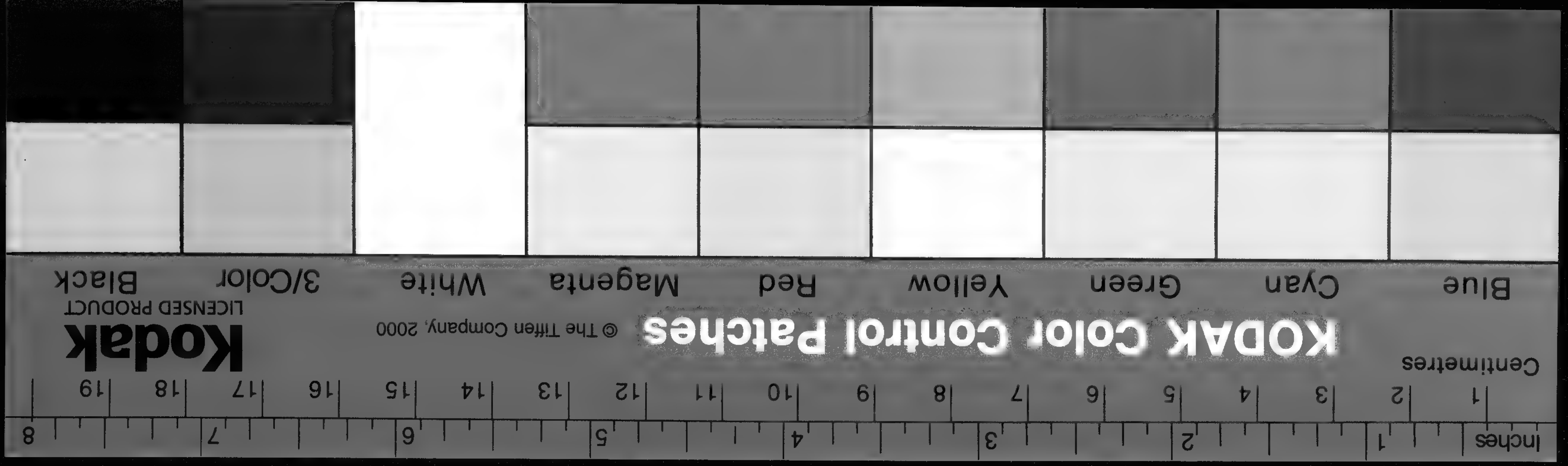
1 HYDRÆCIA PYRRHA.
2 ACONTIA SPLENDENS.
3♂, 4♀ " CHEA.
5 " DARPA.
6 " ROMA.
7 DROBETA LEA.
8♂ " CILIX.
9♂ " DEBORA.
10♂ " (?) YEBA.

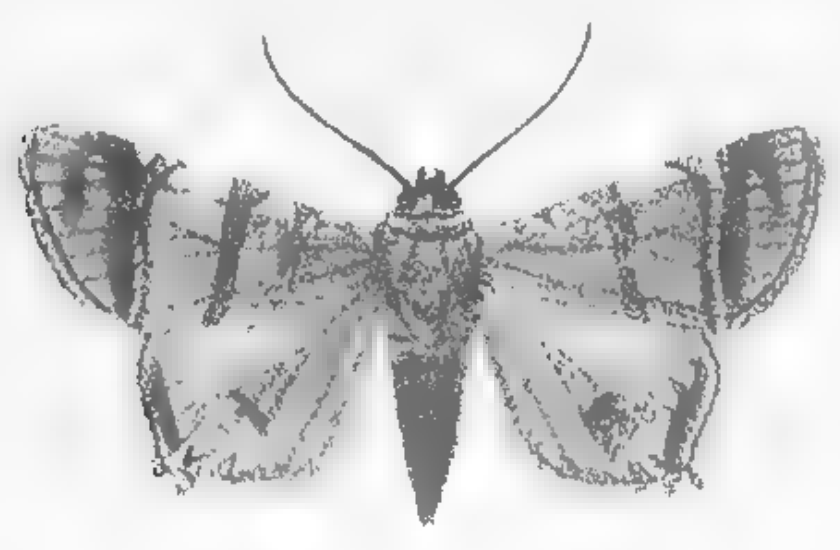
11♀ DROBETA ATTINA.
12♂ " LEADA.
13♀ PSEUDINA CHUZA.
14♂ EUSTROTIA DECORATA.
15 " DEVARA.
16 " BETTINA.
17 " BESIDIA.
18 THALPOCHARES LAGORE.
19 " LARONIA.

20 EUSTROTIA CINCTA.
21♂ THALPOCHARES DARENA.
22♂ " LAVERNA.
23 " (?) CINIATA.
24 " (?) BOETA.
25 " (?) ASTERIA.
26, 27 " (?) LAUREA.
28 " (?) DASARADA.
29 " DARIA.

W. Purkiss lith.

Hanhart imp.
708.

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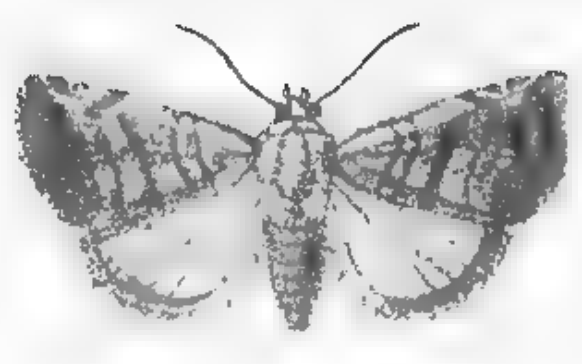
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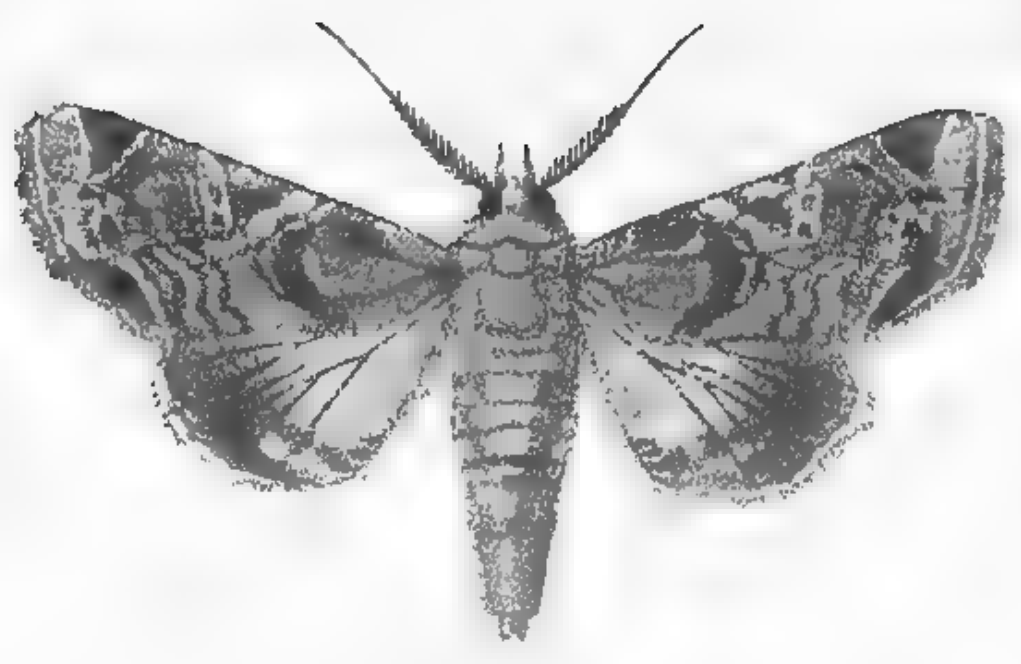
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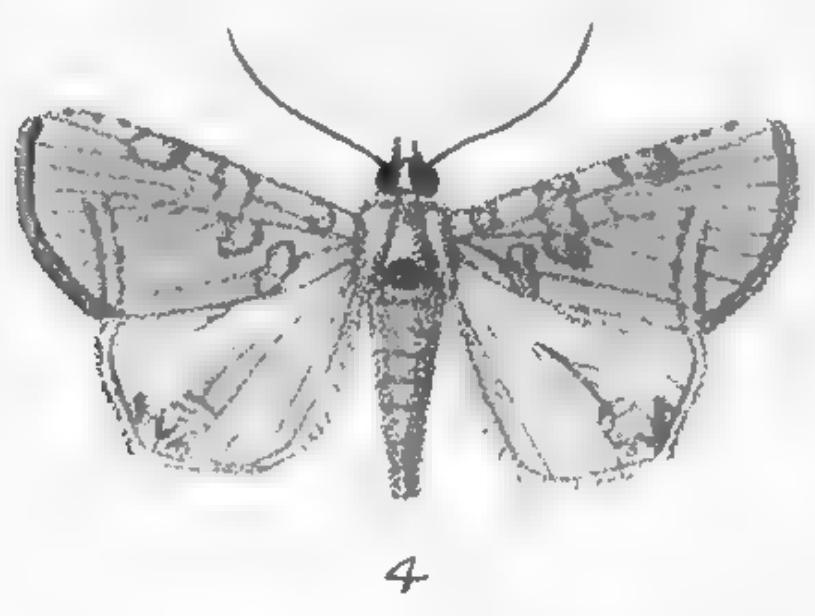
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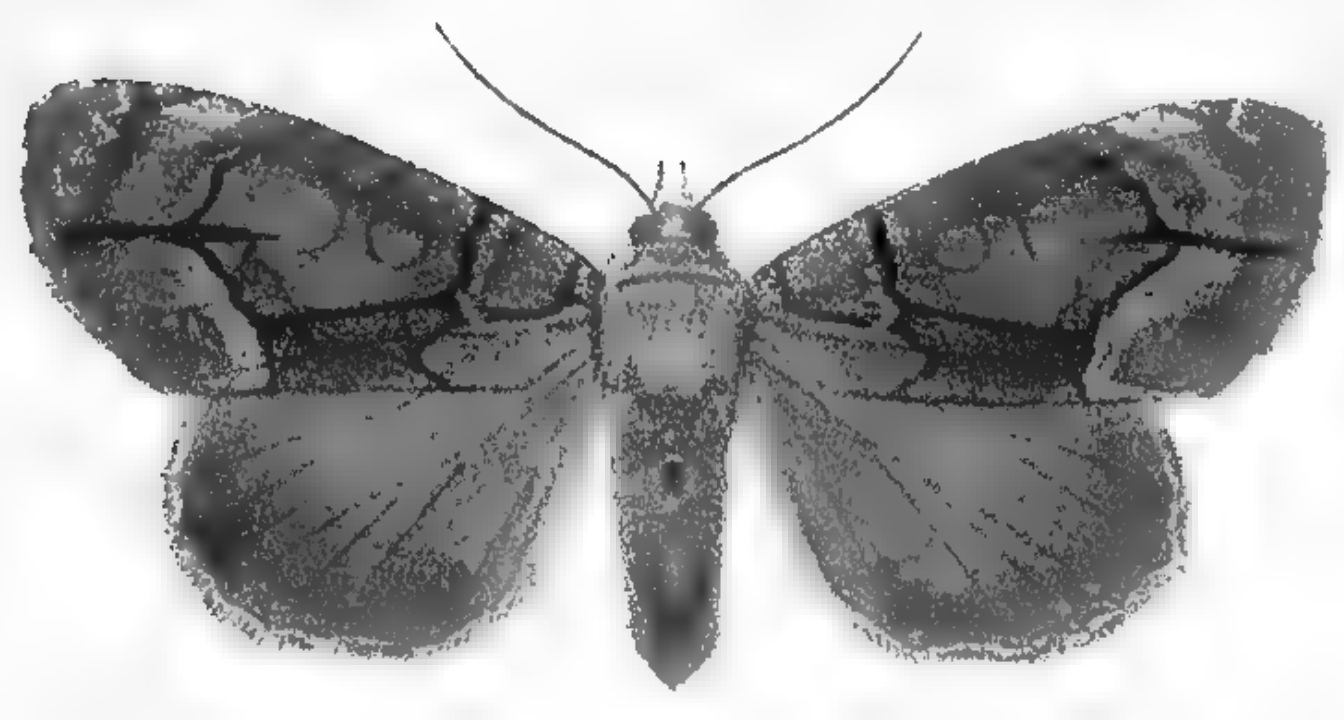
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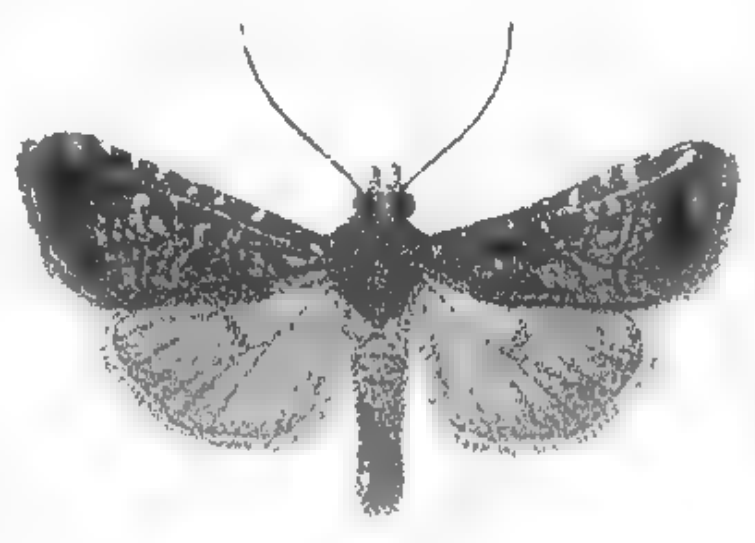
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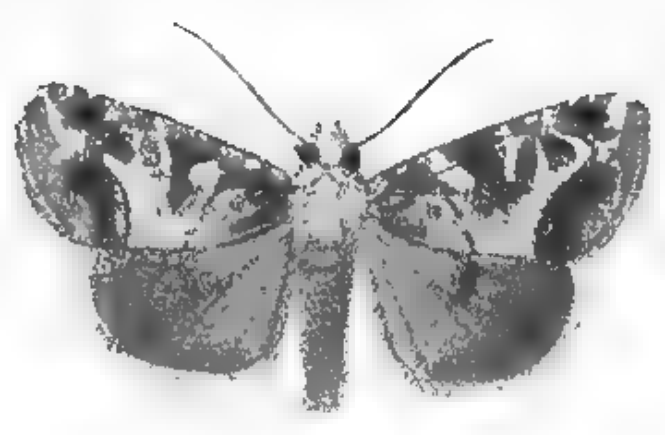
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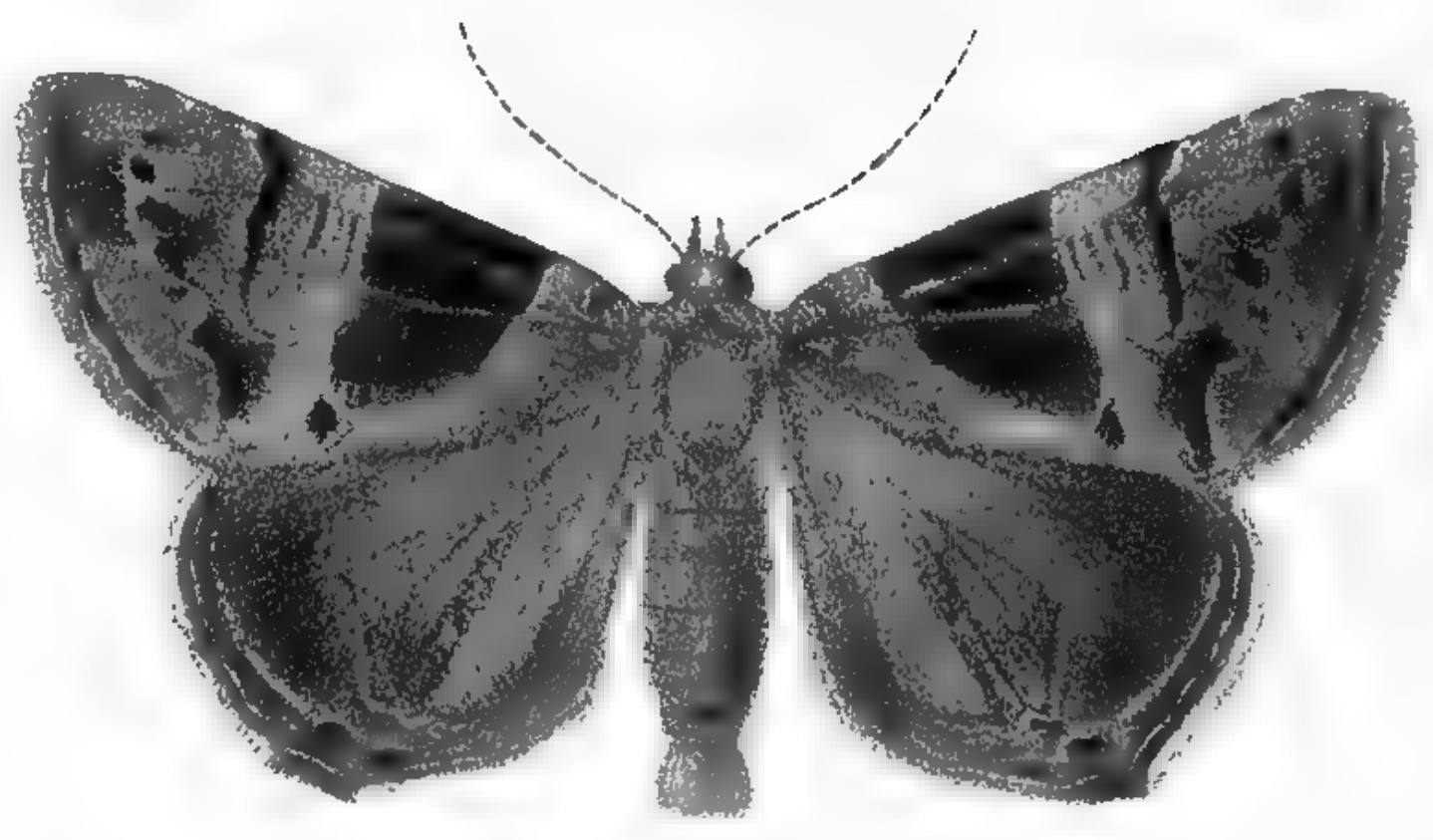
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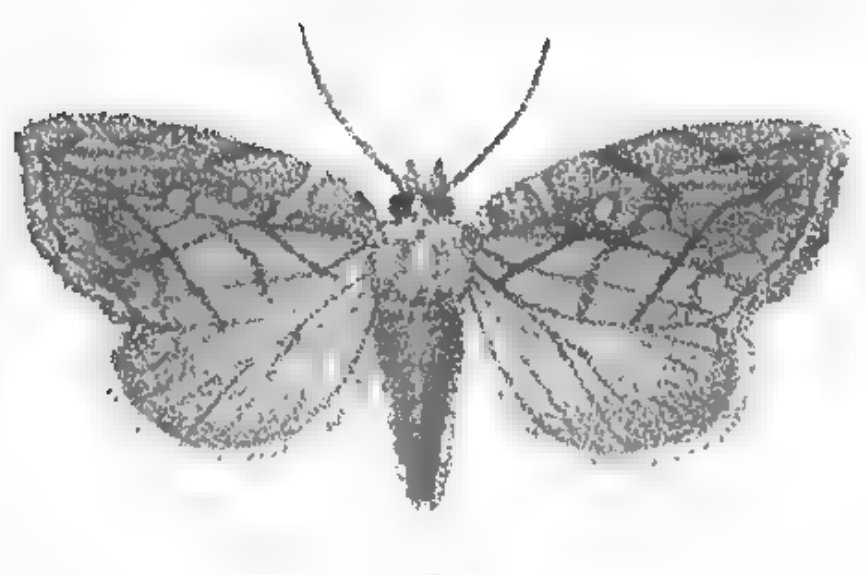
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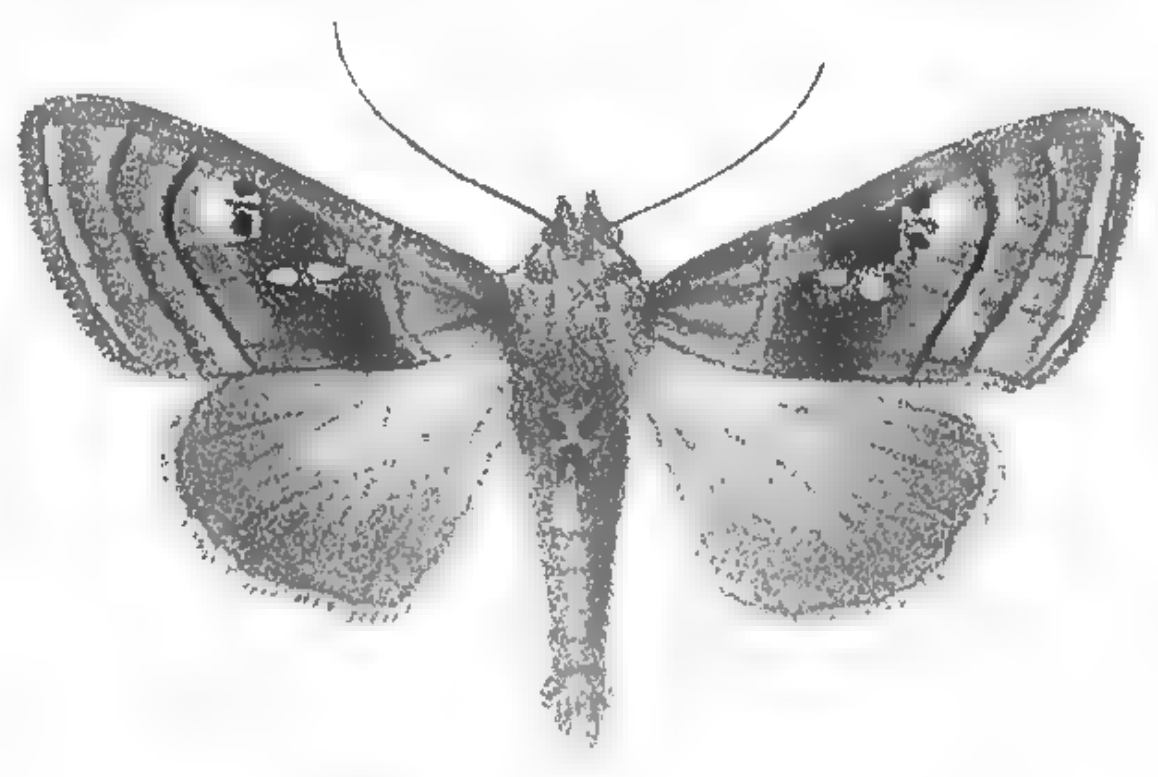
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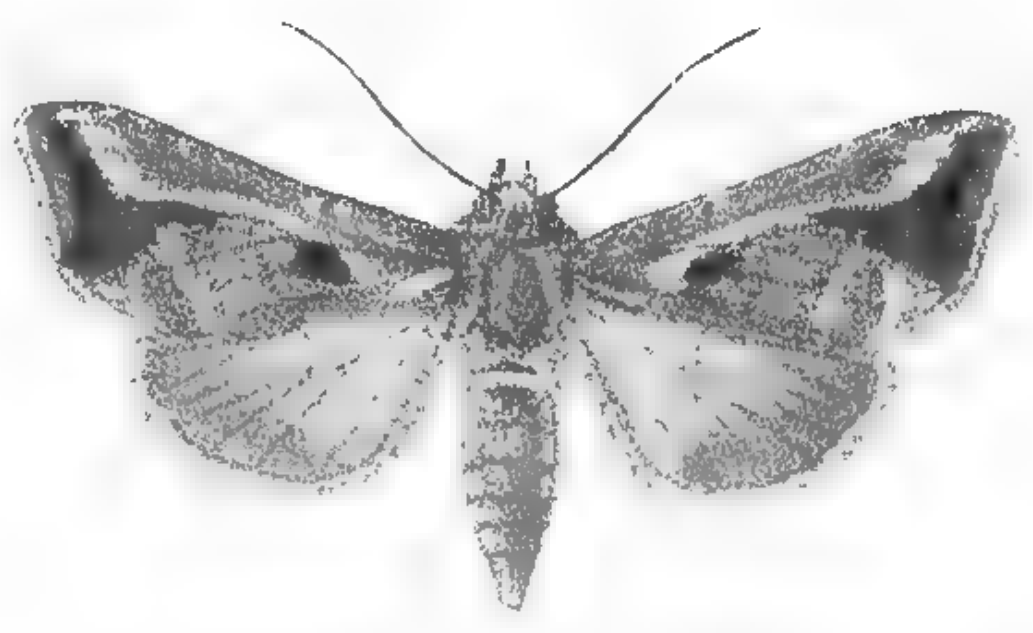
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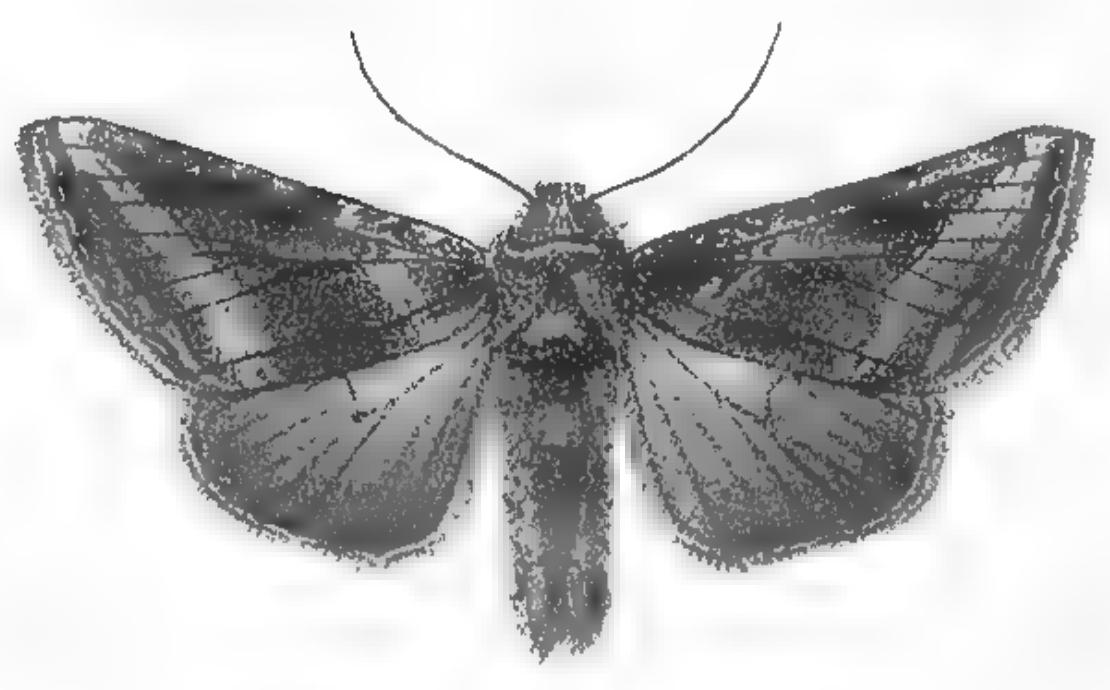
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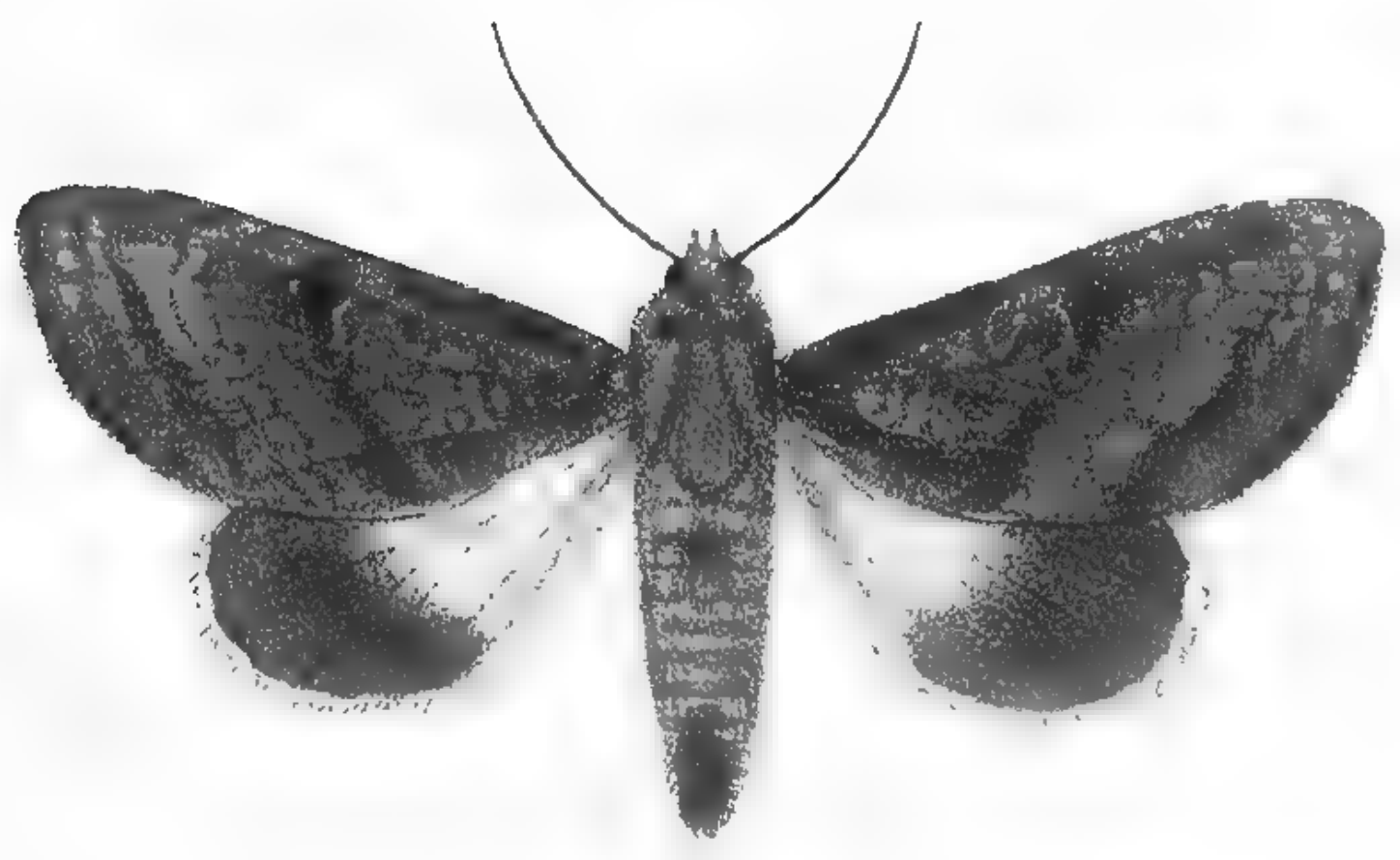
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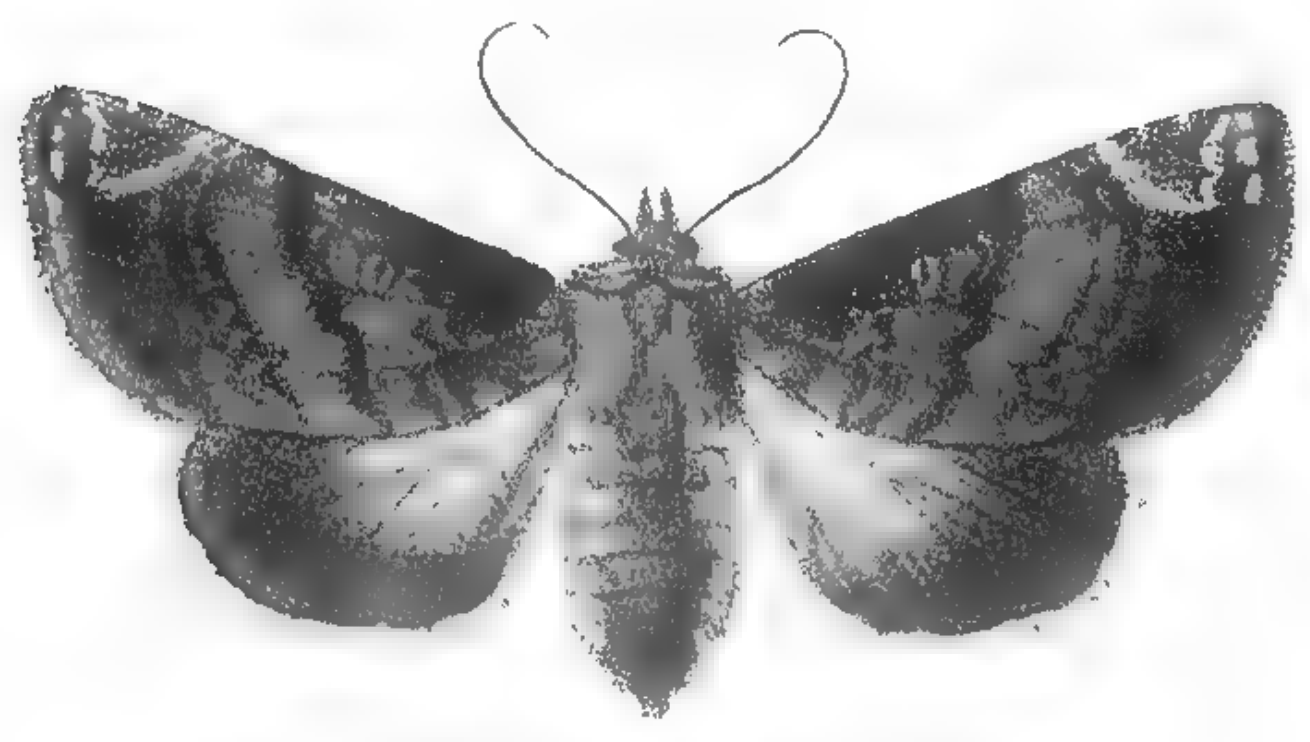
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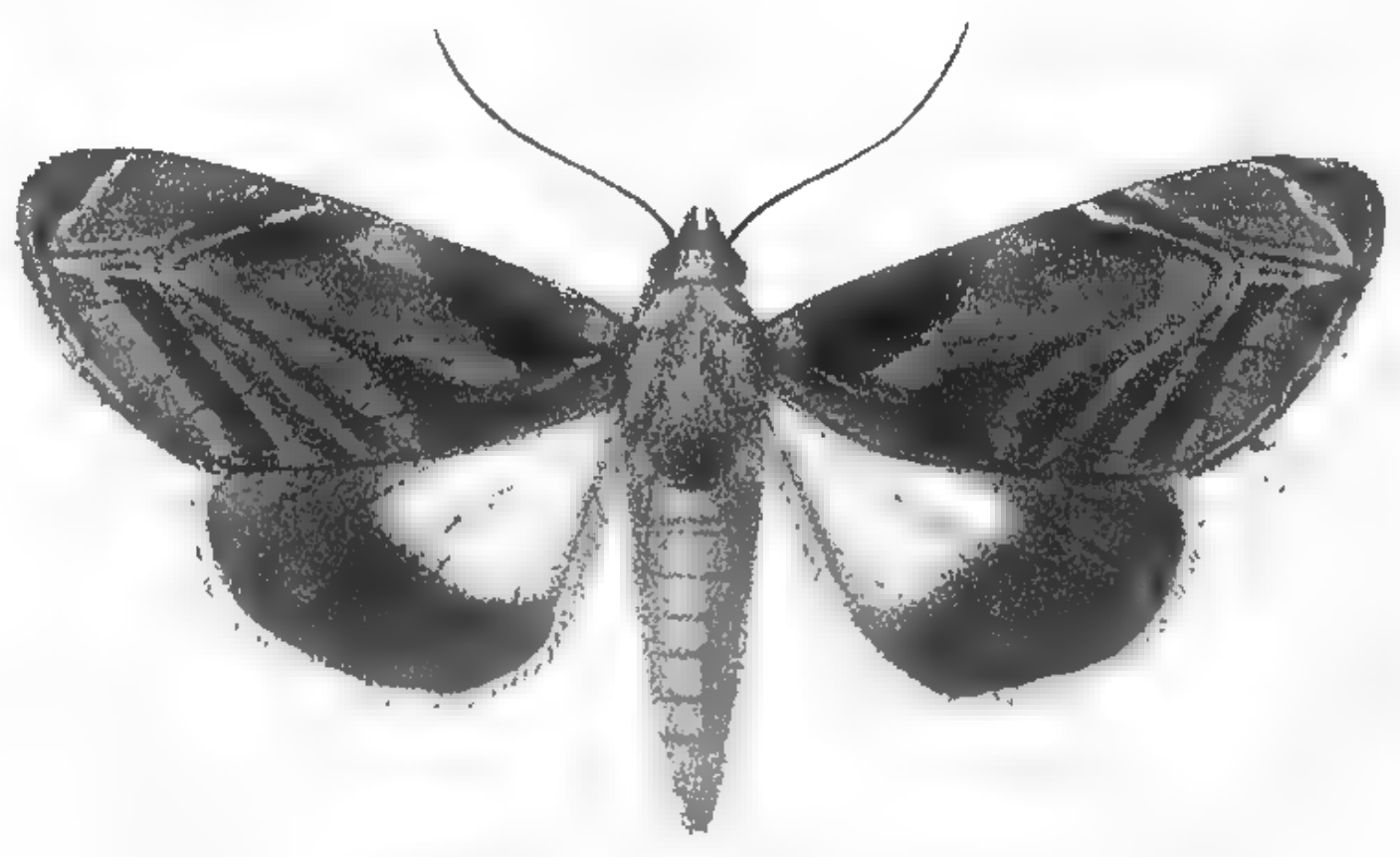
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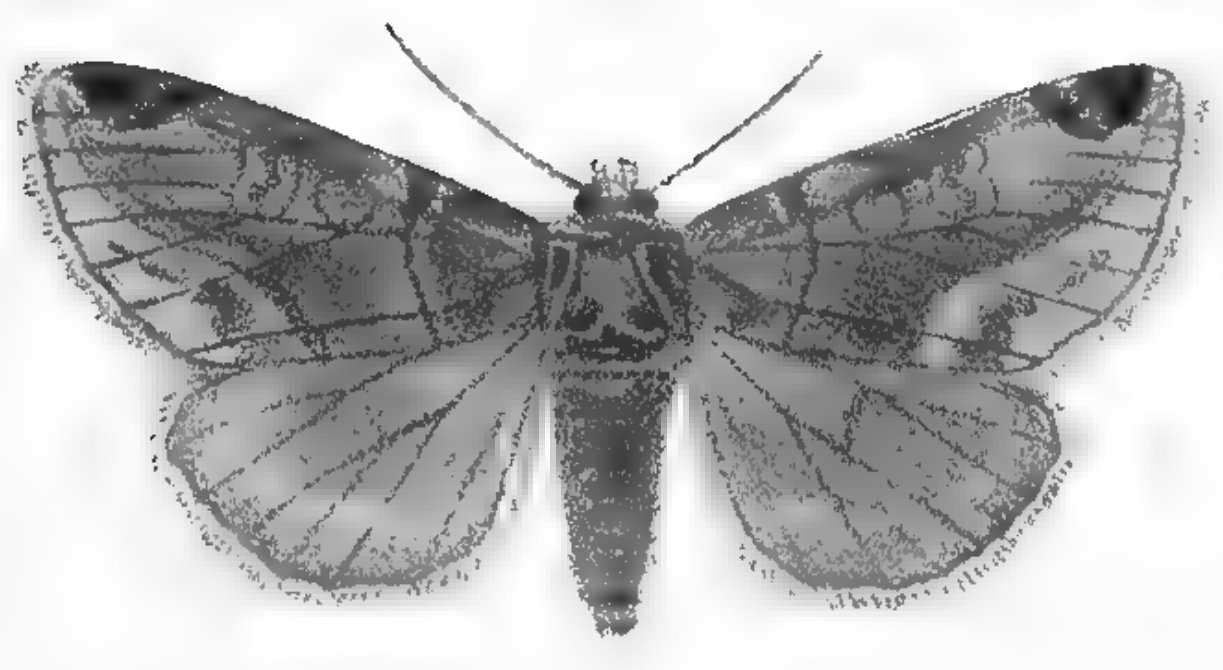
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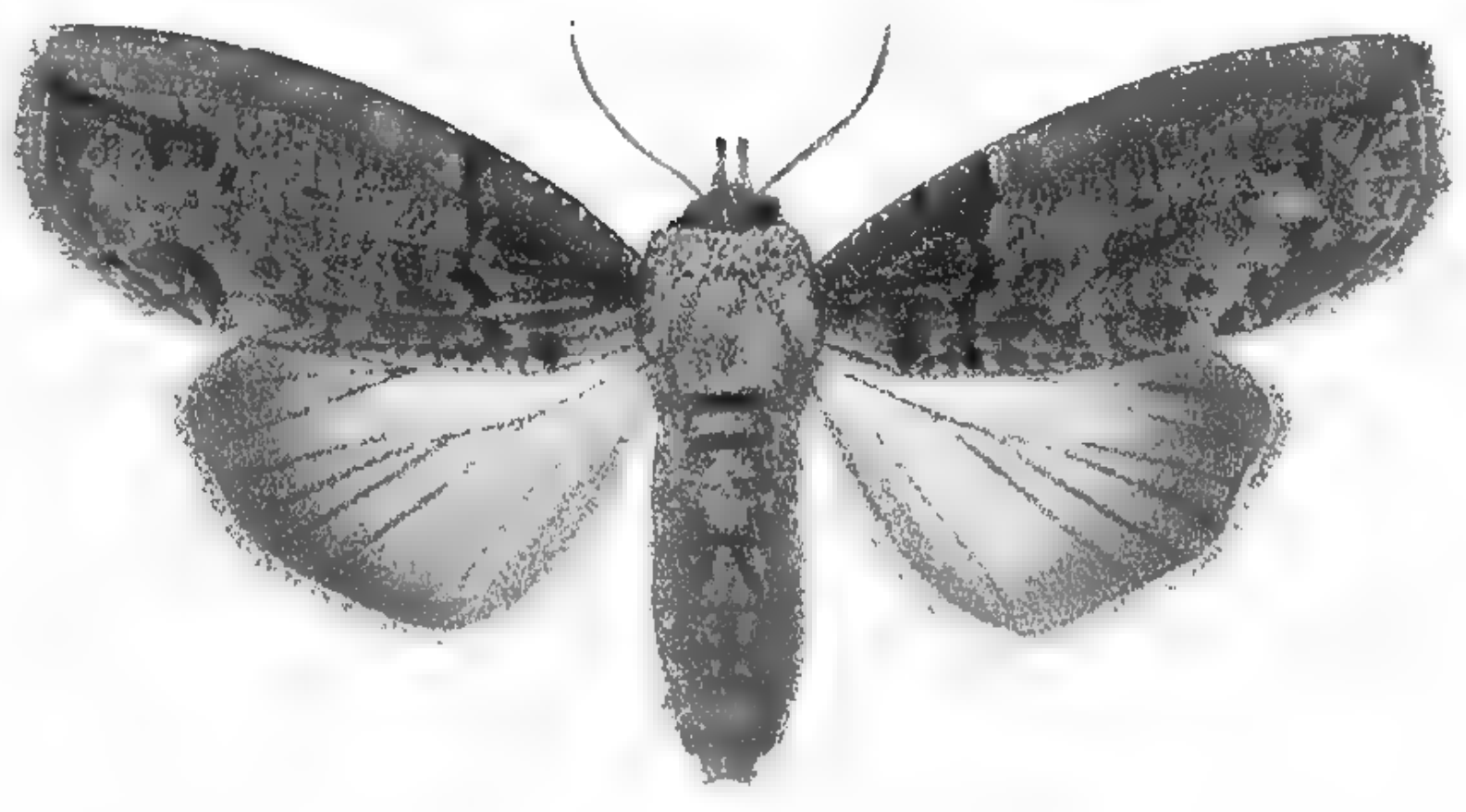
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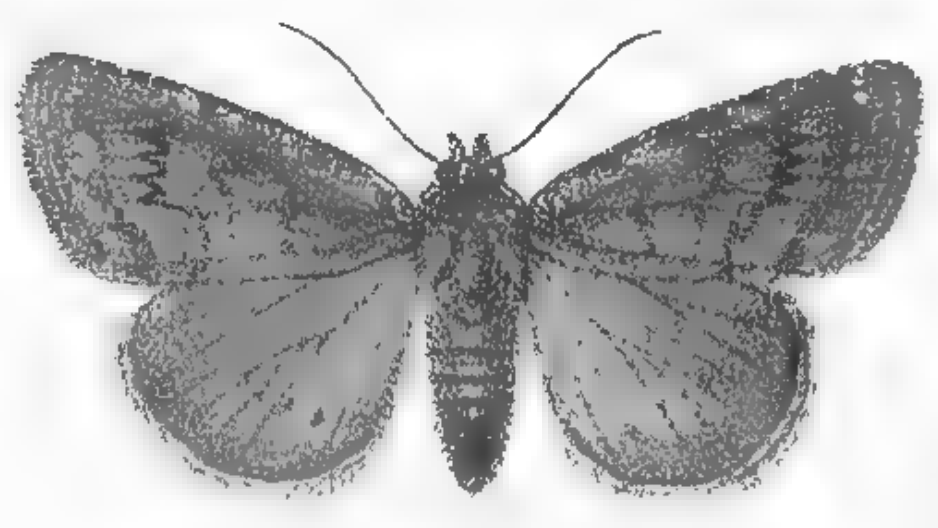
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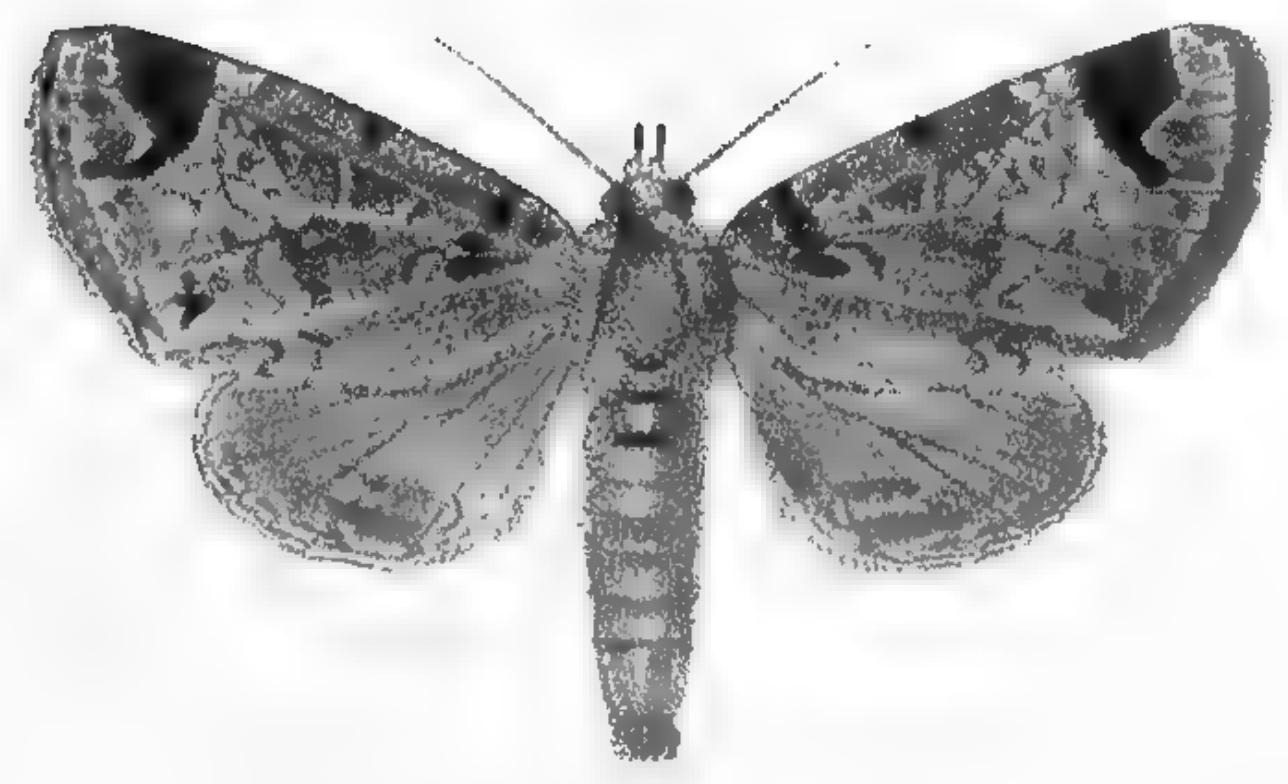
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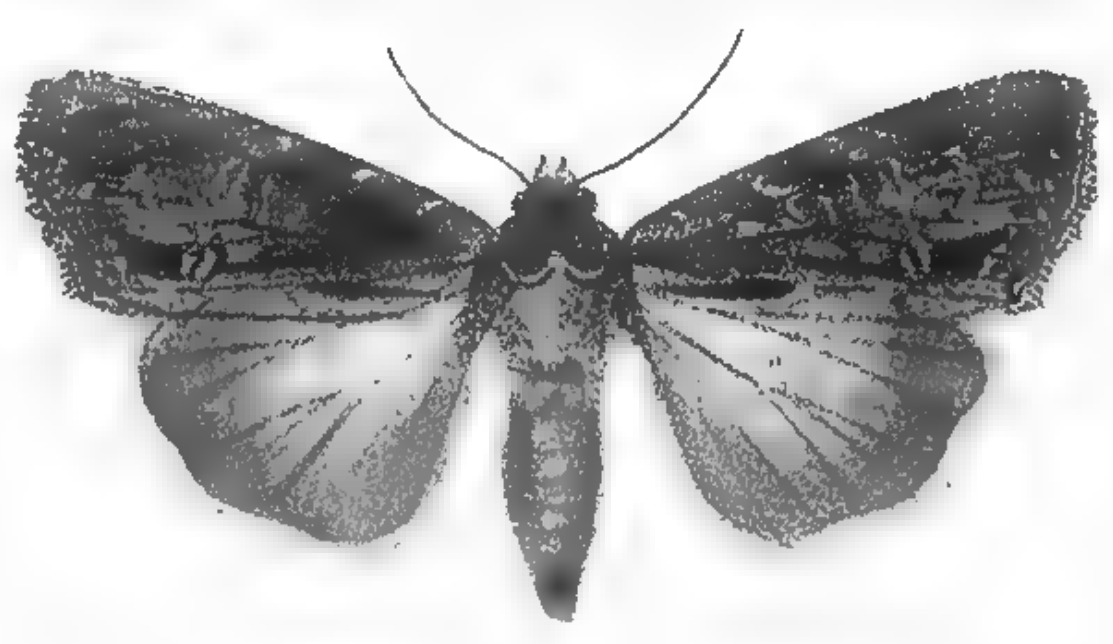
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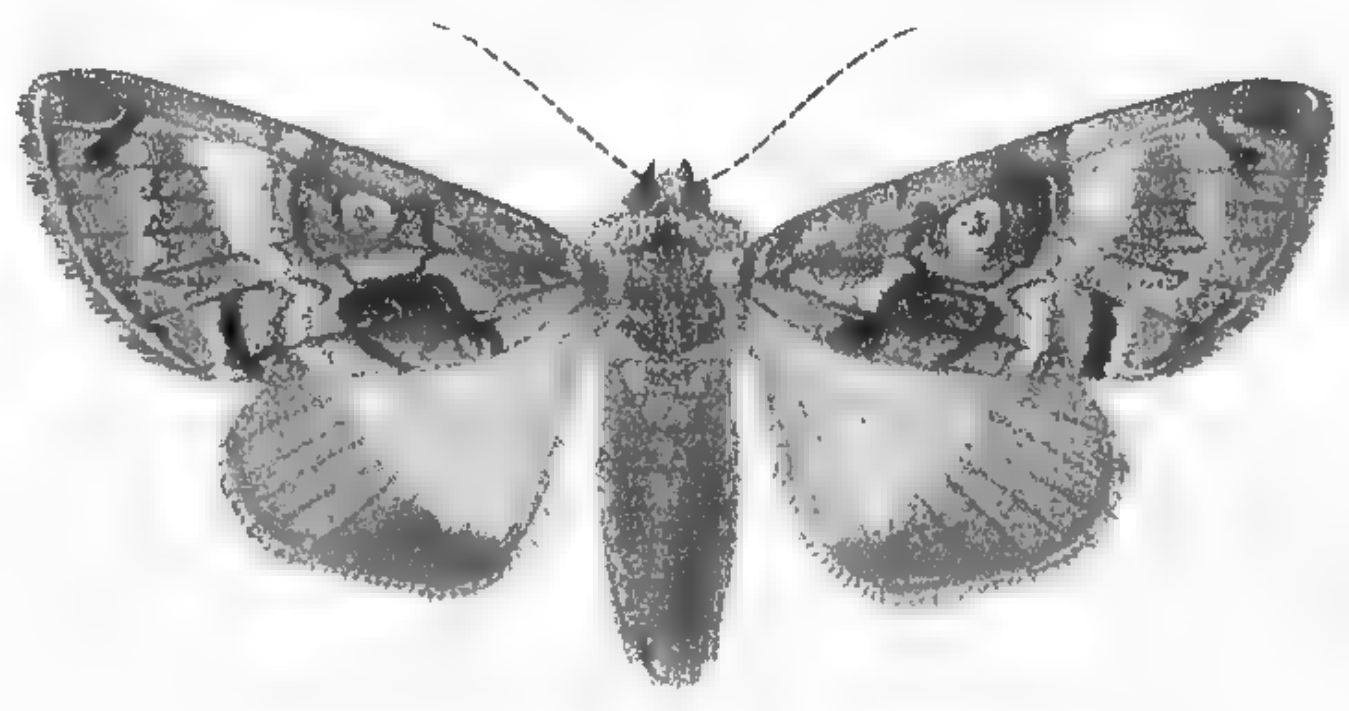
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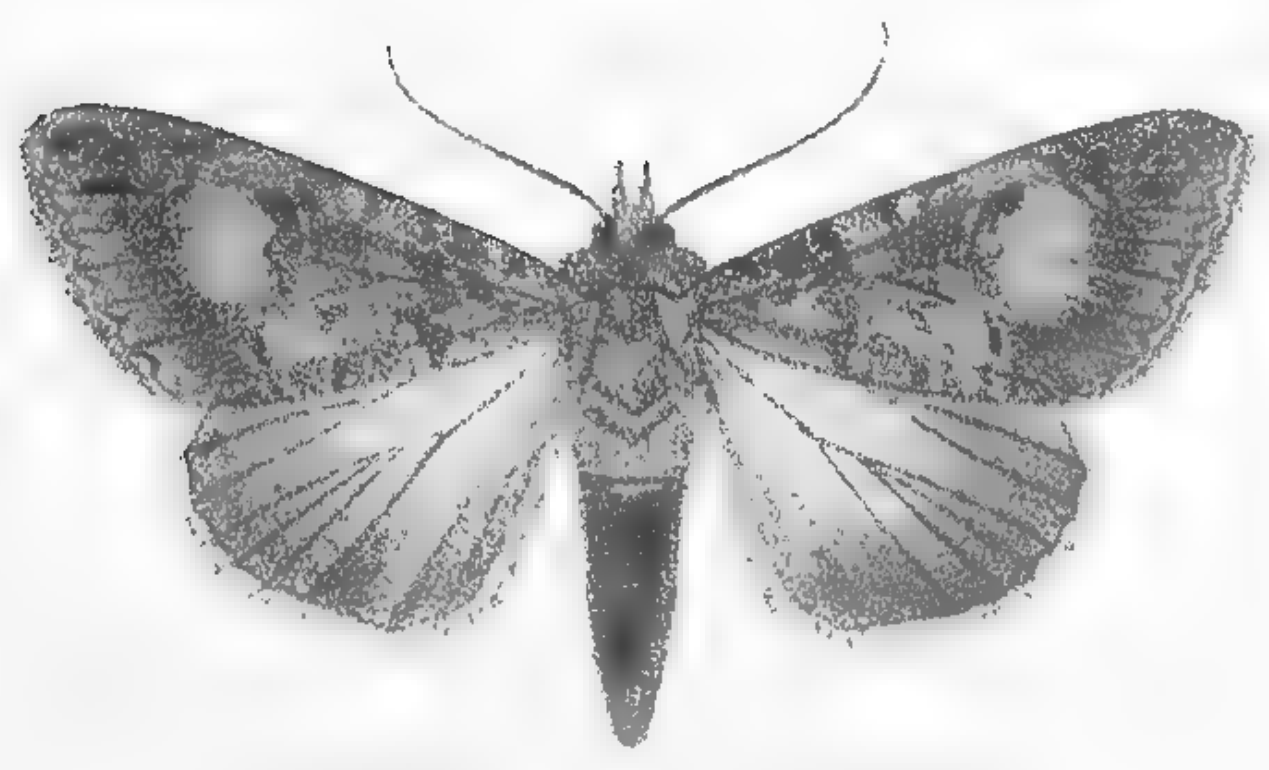
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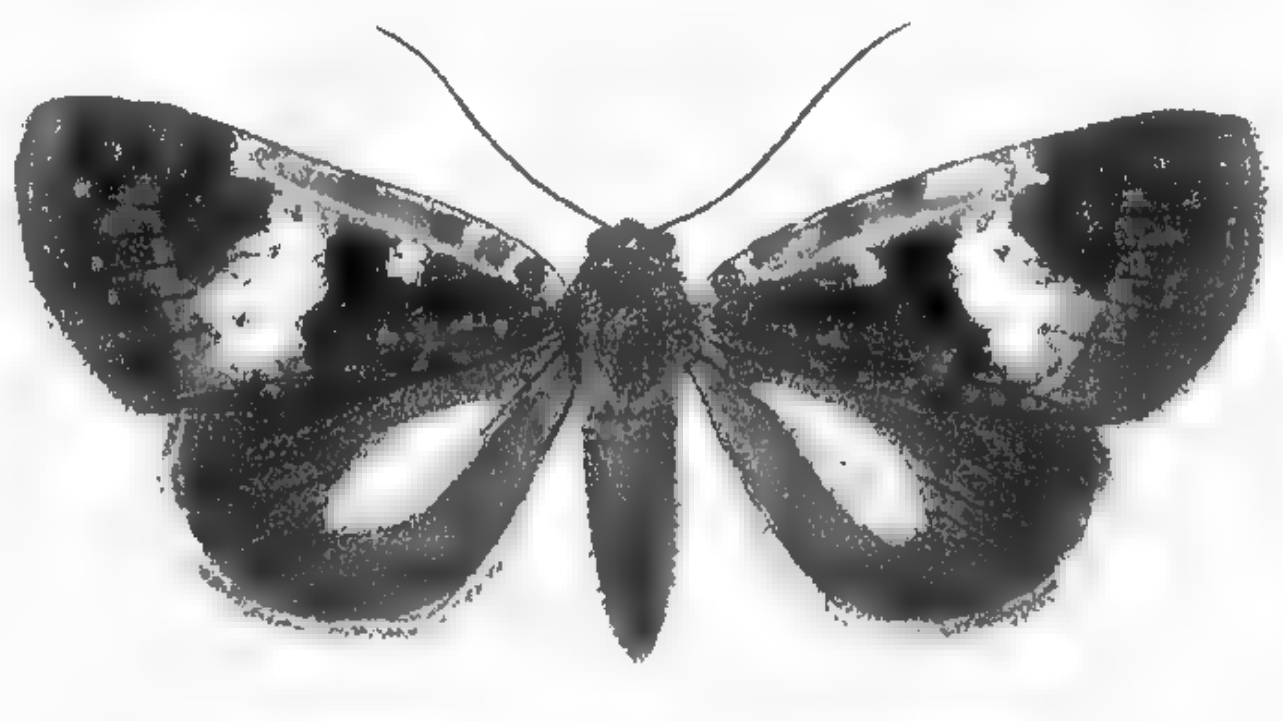
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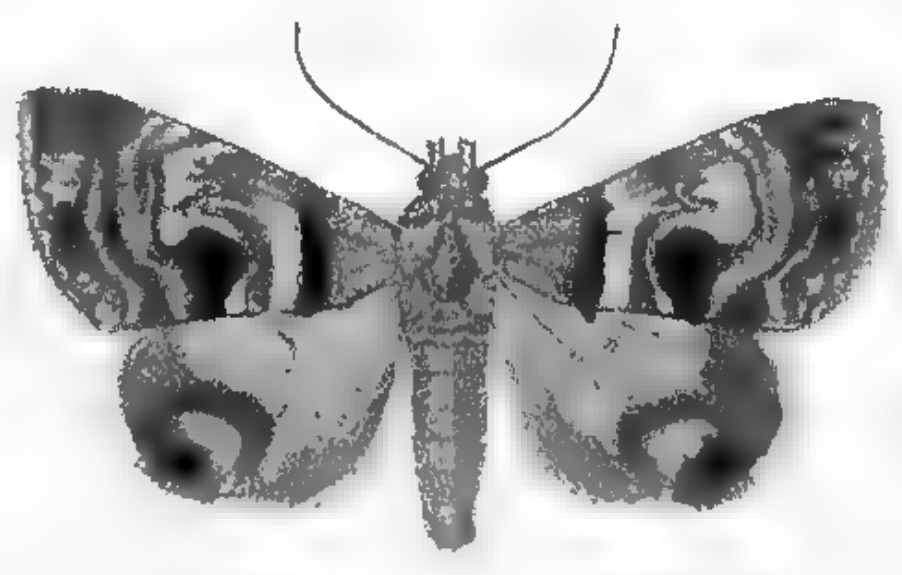
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1 PALINDIA EZRA.
2 XANTHOPTERA LAPHYRA.
3♂ PENICILLARIA NATTERERI.
4 PALINDIA EVADENS.
5 DYOPS STRIATA.
6 CALLOPISTRIA AGYRA.
7 „ LANGIA.
8 DYOMYX ZATES.

9 BASILODES MINA.
10 PLUSIA ANDA.
11 „ ROXANA.
12 „ MASONI.
13 PLUSIODES (?) LARONIA.
14♂ „ (?) AGENORIA.
15 „ ALESA.
16 „ LAODAMIA.

17 GADIRTHA CANDEZEI.
18♀ CHYTORYZA TRISTIS.
19 GADIRTHA LEENA.
20 PROMETOPUS ORDINARIUS.
21 TRISULOIDES PATA.
22 MELIPOTIS INCONSPICUA.
23 „ USIPETES.
24 CIRRHOBOLINA DEDUCTA.

W. Purkiss lith.
Hanhart imp.
709.

Blue Cyan Green Yellow Red Magenta White 3/Color Black
KODAK Color Control Patches © The Tiffen Company, 2000 Kodak LICENSED PRODUCT
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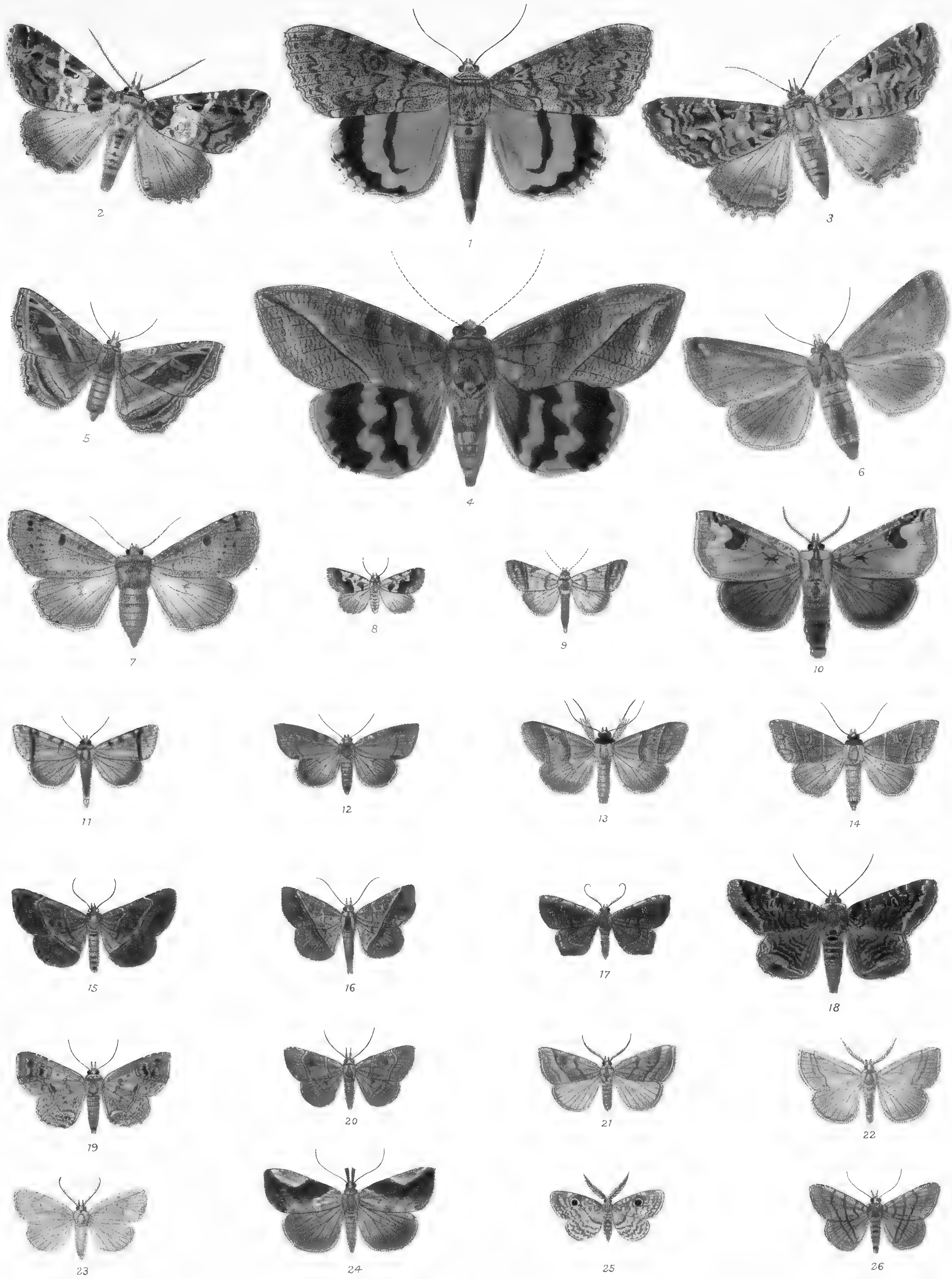
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1 CATOCALA JUNCTURA.
2♂, 3♀ SYPNA AZTECA.
4 OPHIDERES SCABELLUM.
5 BENDIS (?) JONESI.
6 OPHIODES DAONA.
7 " RAPHIA.
8 BANIANA GOBAR.
9 " HELICON.

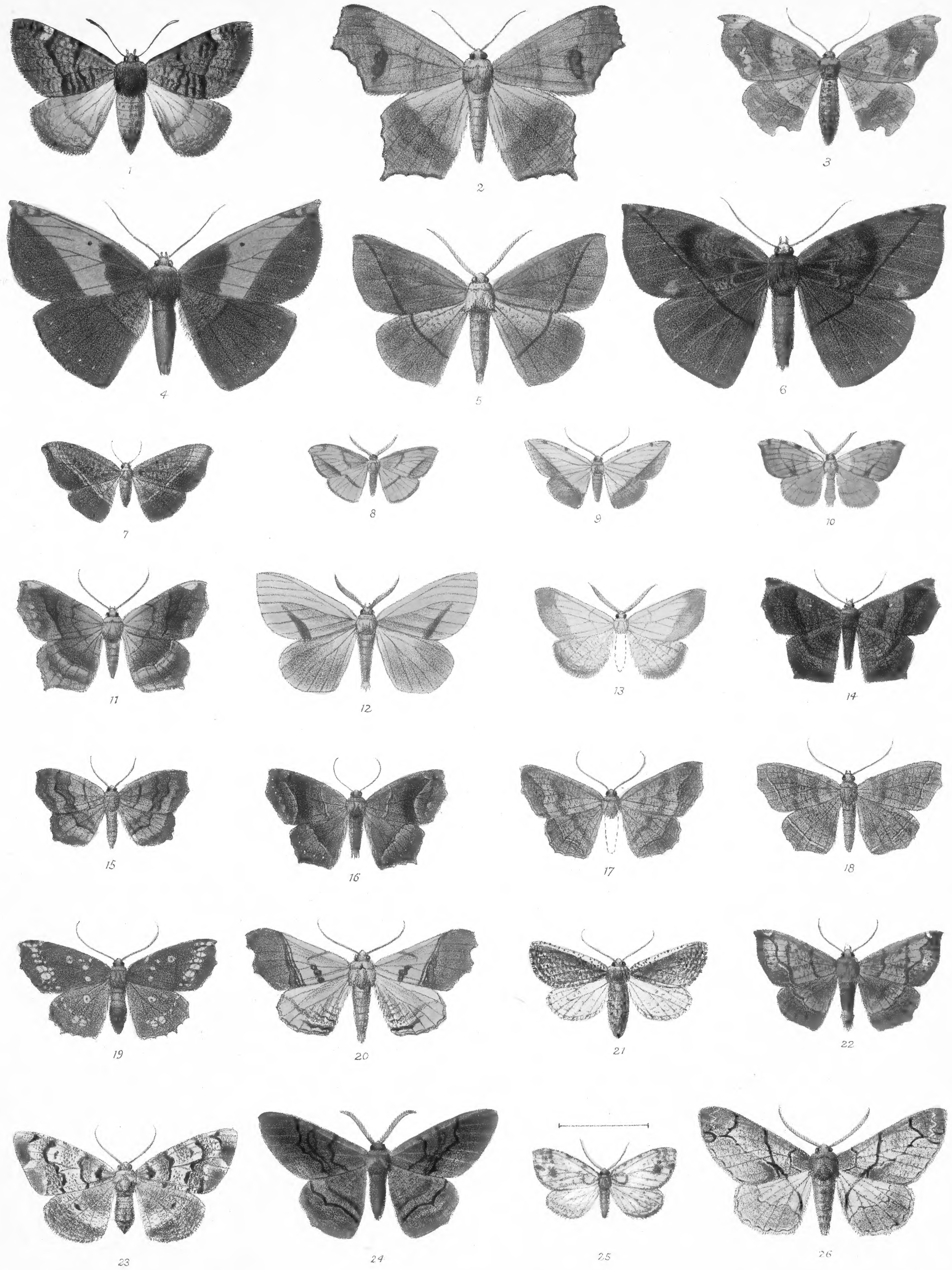
10 HERMINODES SABATA.
11♂, 12♀ BANIANA FULVIA.
13♂, 14♀ " (?) OSTIA.
15♂ THERMESIA JOHA.
16♂ " CERAS.
17♂ PANGRAPTA MINUTA.
18♂ SELENIS CADES.

19 CAPNODES RHODA.
20 " (?) PIRA.
21 GUSTIANA INTERMEDIA.
22 " MECYANALIS.
23 " NIGRIPALPIS.
24♂ HYPENA PHILOMEDIA.
25♂ CYCLOPTERYX OCULATA
26 EPIZEUXIS (?) LINEATA.

W. Purkiss lith.

Hanhart imp.
710.

Biol. Centr. Am. *Heterocera. Tab. 98.*

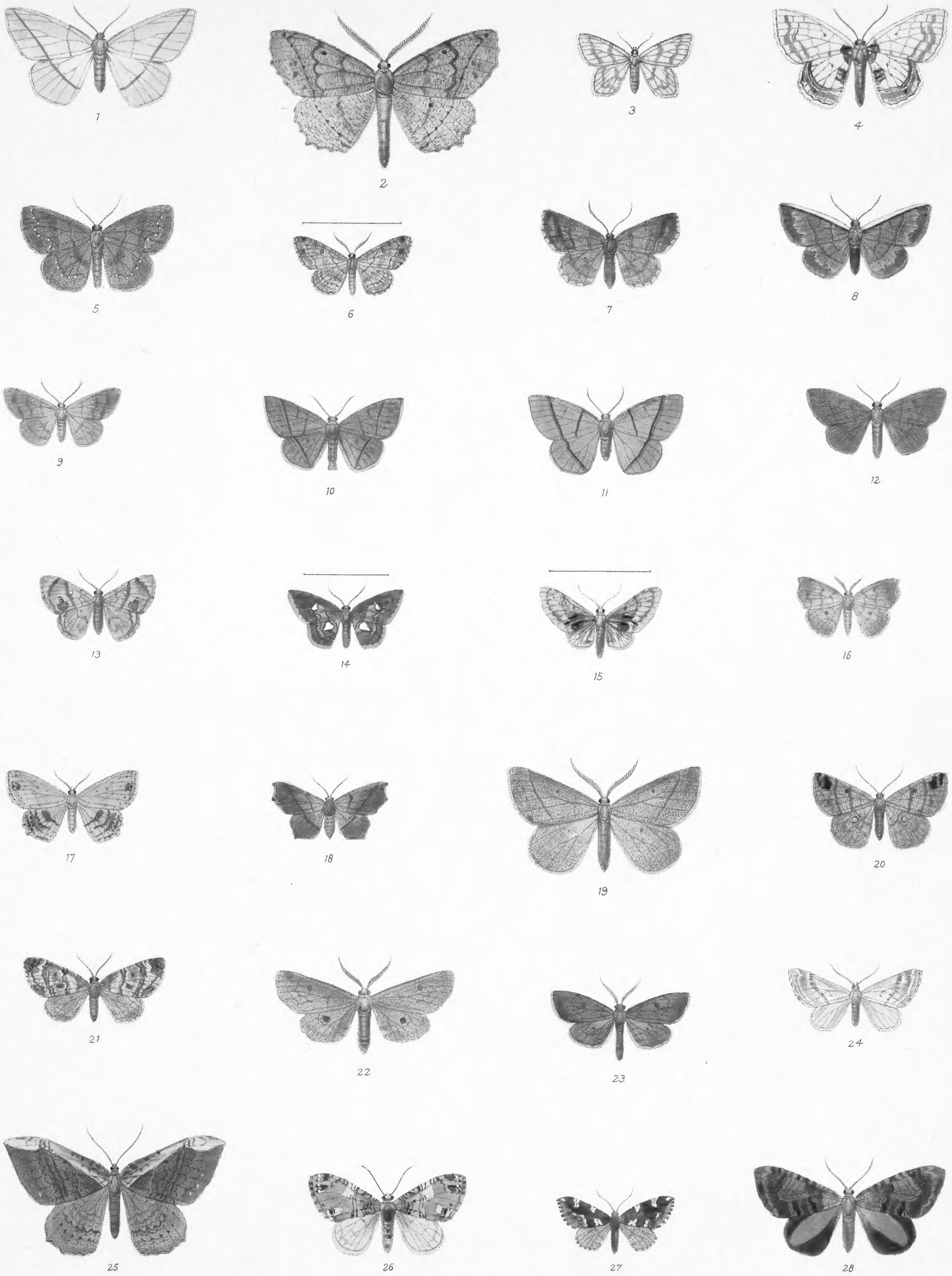


1♀ CORONIDIA BECKERI.
2♂ PARAGONIA MACULATA.
3♀ LYCIMNA TIMARETA.
4♂ OXYDIA APIDANIA, *var.* BICOLOR.
5♂ ,, MEDONA.
6♂ ,, UNICOLOR.
7♀ CRATOPTERA ILLECTA.
8♂, 9♀ APICIA DIVALIS.

10♂ APICIA POMELLA.
11 ANISOPERAS SUBFULVATA.
12♂ SICYA (?) HEPBURNI.
13♂ ,, (?) SIRRA.
14♂ ANISOPERAS CATOPS.
15♂ ,, DOLENS.
16♂ ,, LURIDA.
17 ,, JODEA.

18♂ ANISOPERAS VESTA.
19♀ ,, UROTA.
20♂ AZELINA AMANDA.
21♀ BRYOPTERA (?) LYMAX.
22♂ ACROSEMIA UNDILINEA.
23♀, 24♂ AMPHIDASIS CHARON.
25♂ BOARMIA MINUTA.
26♂ AMPHIDASIS UNDULOSA.

W. Purkiss lith. Hanhart imp.
711.



1♀ NEMORIA (?) UNIFASCIATA.
2♂ TEPHROSIA (?) LINEATA.
3♀ GELASMA ALBIDATA.
4♂ RACHEOSPILA SPLENDENS.
5♂ ANISODES CHAON.
6♂ EPHYRA OBSCURA.
7♀ ANISODES BEON.
8 » ALBICOSTATA.
9♀ » (?) OSTERIA.

10♂, 11♀ ANISODES (?) SOBRINA.
12♂ » (?) MINIATA.
13♂ ASTHENA (?) MALVINA.
14⚥ EOIS ALBIPUNCTATA.
15♂ DOCHEPHORA PILOSA.
16 ASTHENA (?) THAROSSA.
17 » (?) SYLVIA.
18♀ EROSIA (?) IMELLA.
19♂ GORYTODES (?) MEXICANA.

20 PACHYDIA NIGRISTICTA.
21♀ LEPIODES MAXIMA.
22♂ » (?) UNICOLOR.
23♂ » PUNCTATA.
24♀ LARENTIA NAROSA.
25♂ SCOTOSIA GAVARA.
26 RHOPALISTA FULVIFUSA.
27♀ EPIRRHOE CRISPA.
28♂ PSALIODES MYXA.

W. Purkiss lith.
Hanhart imp.
713a

KODAK Color Control Patches
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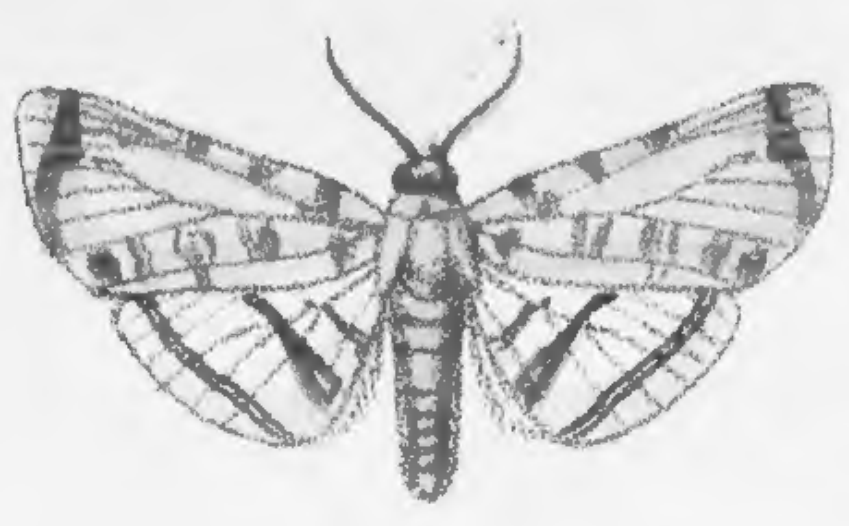
Kodak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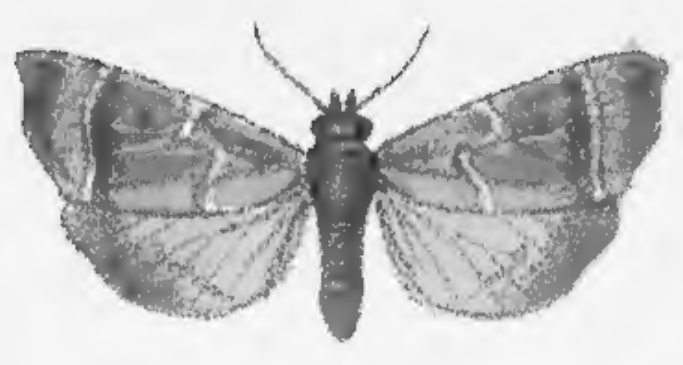
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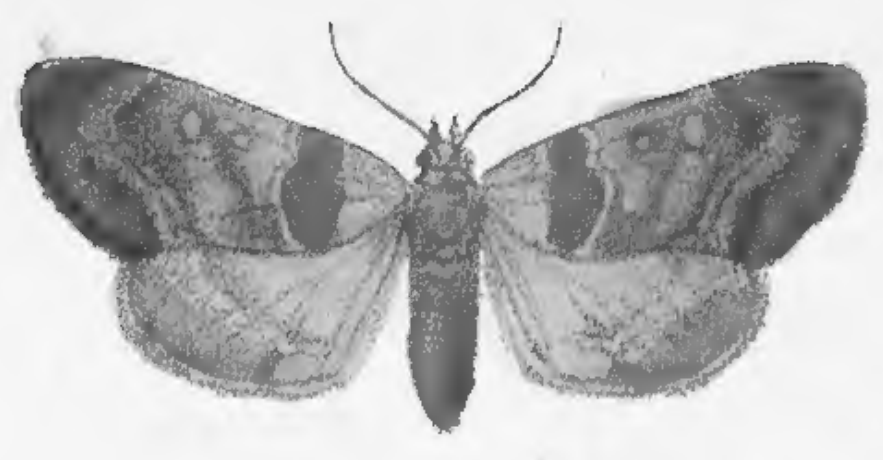
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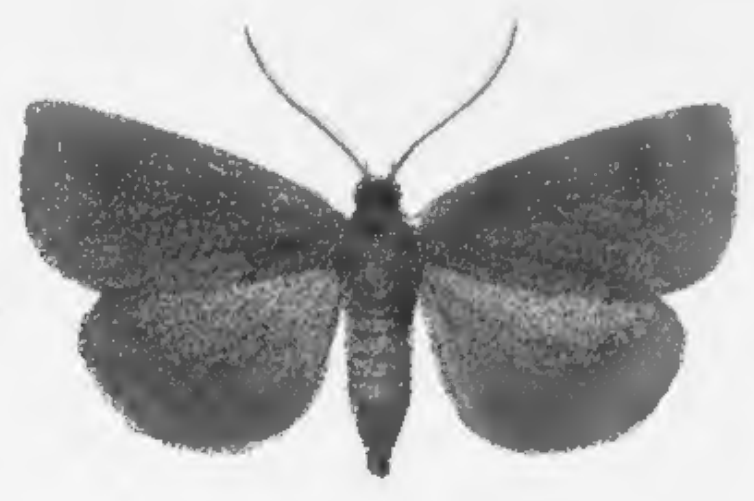
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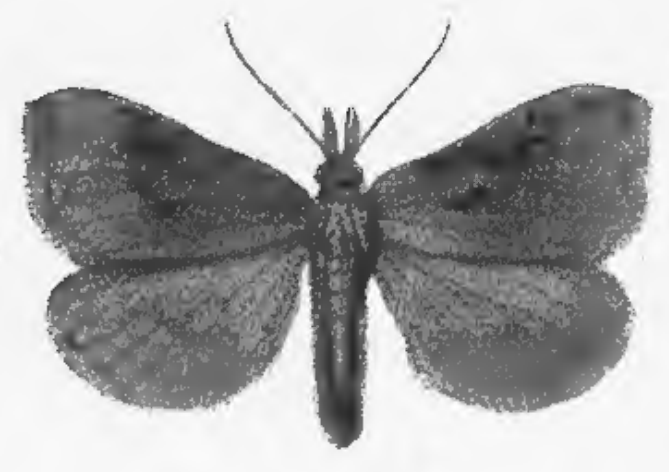
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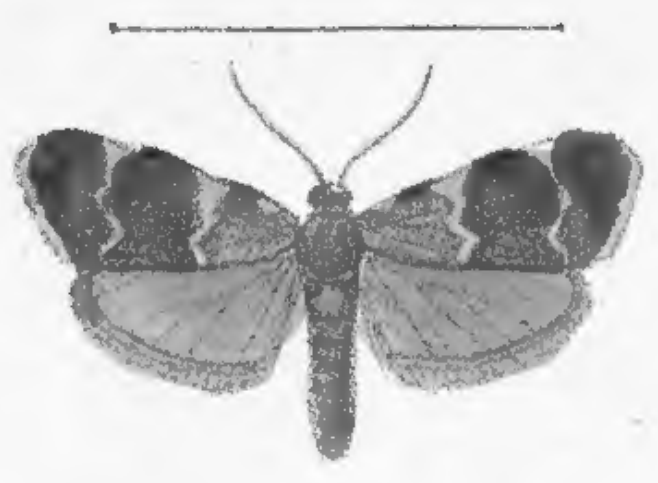
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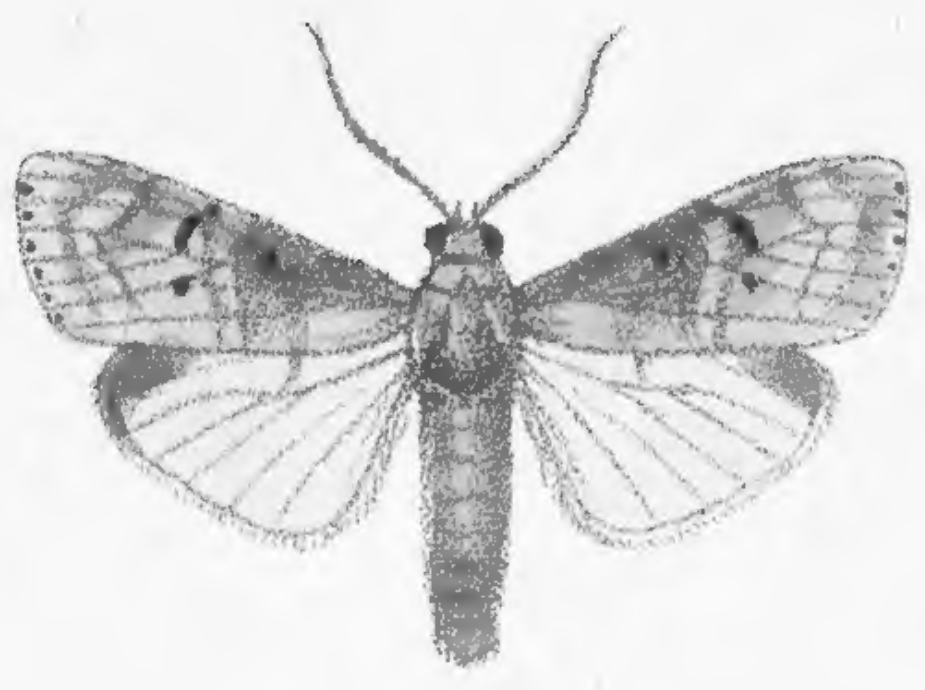
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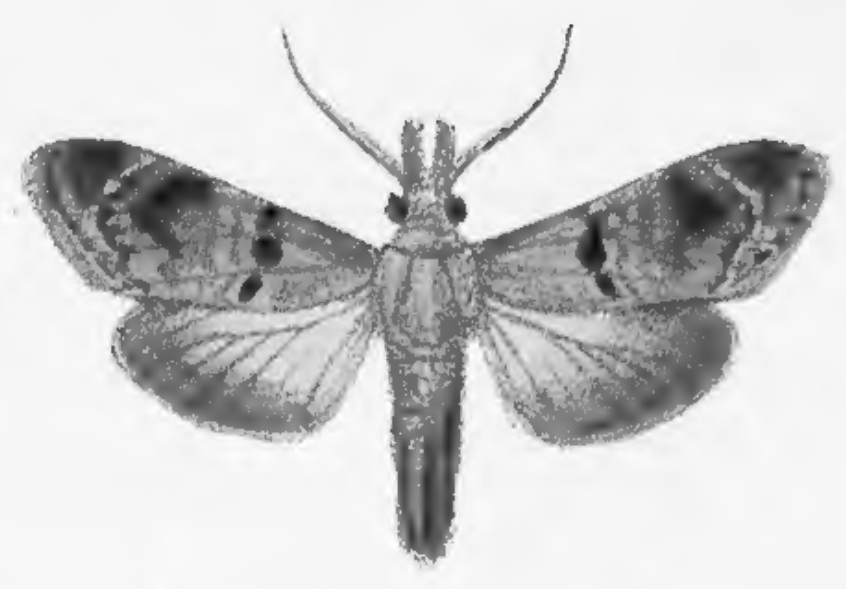
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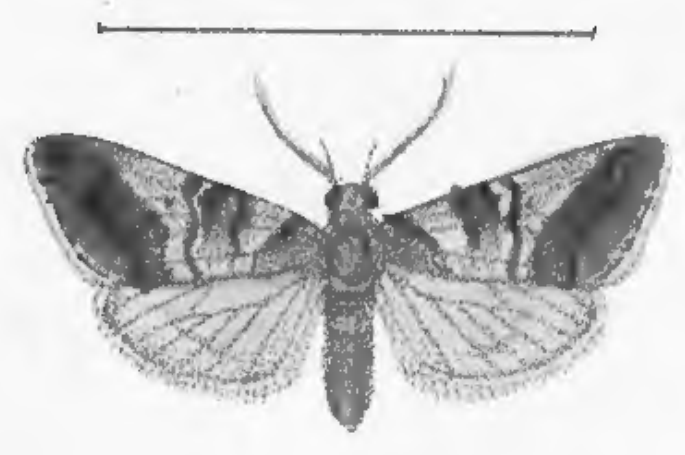
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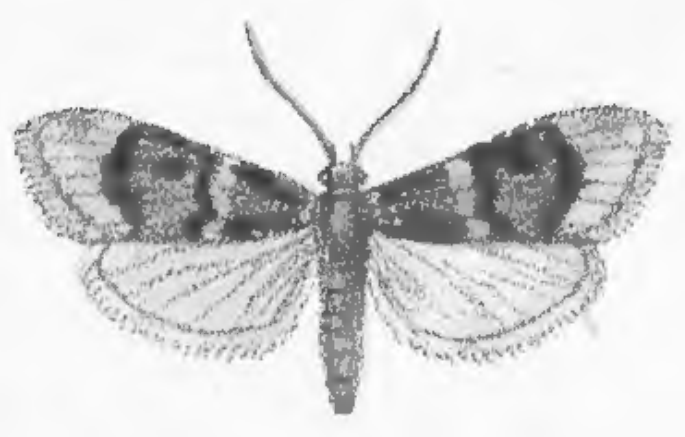
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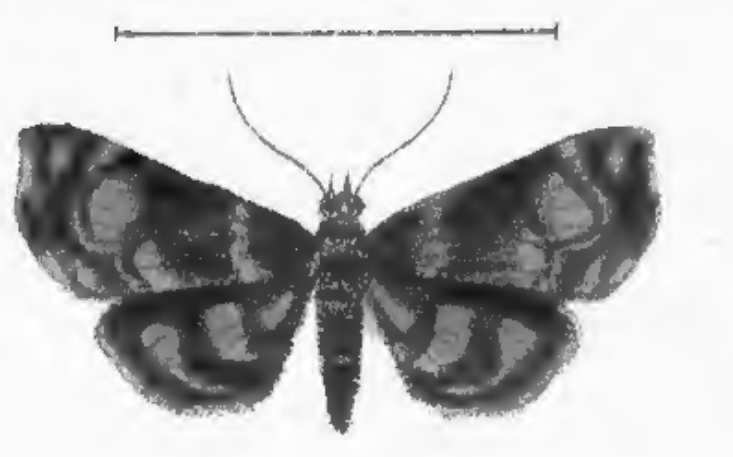
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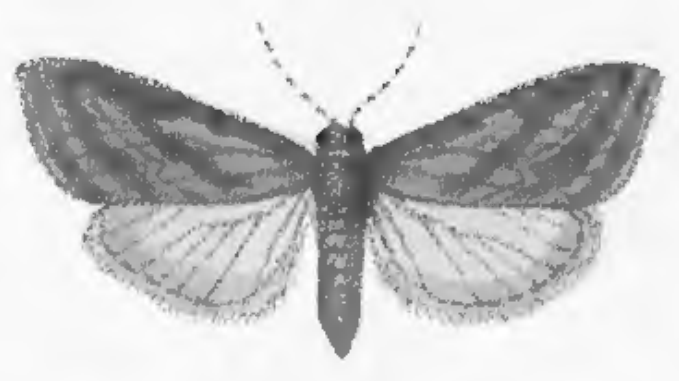
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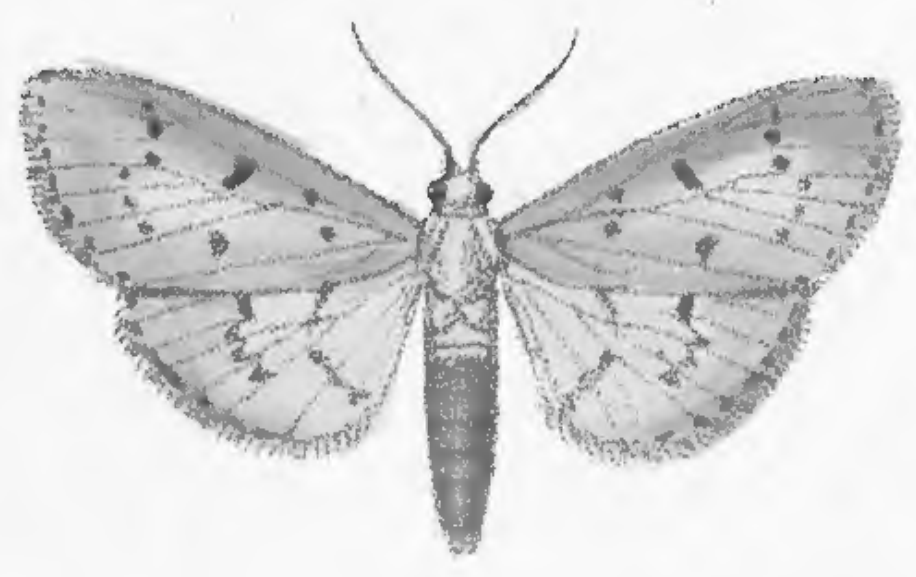
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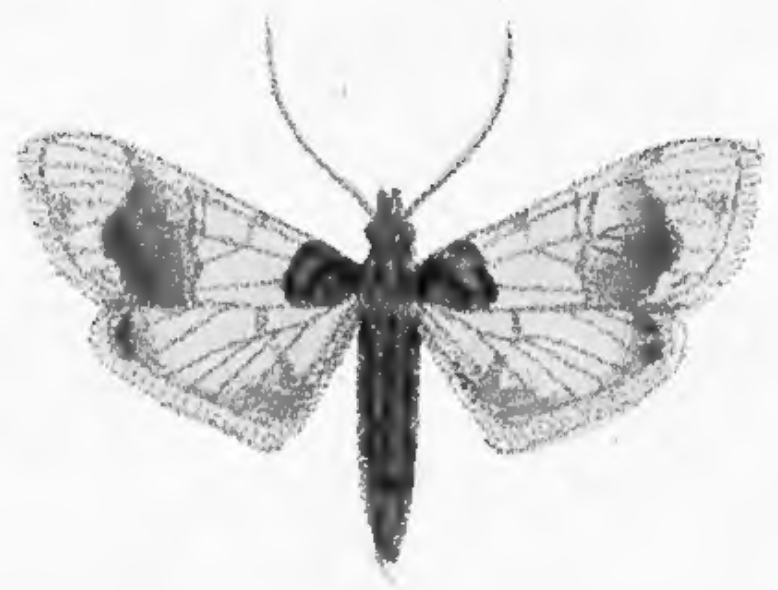
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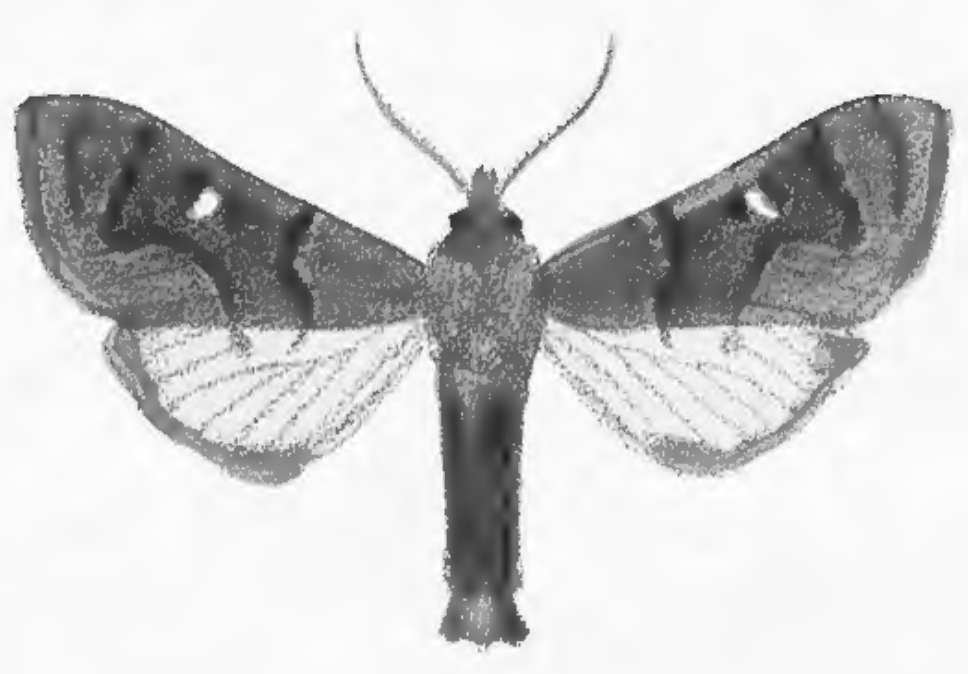
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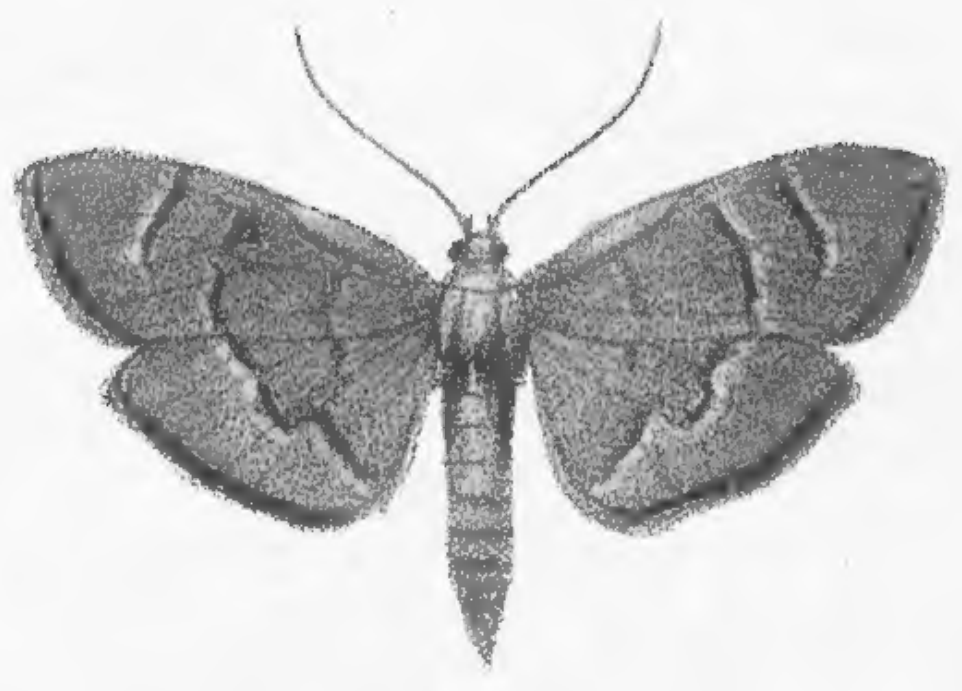
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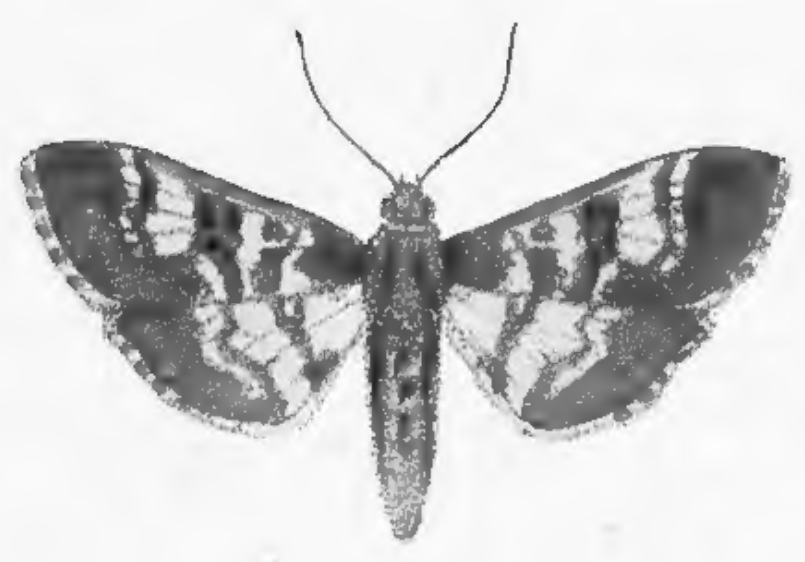
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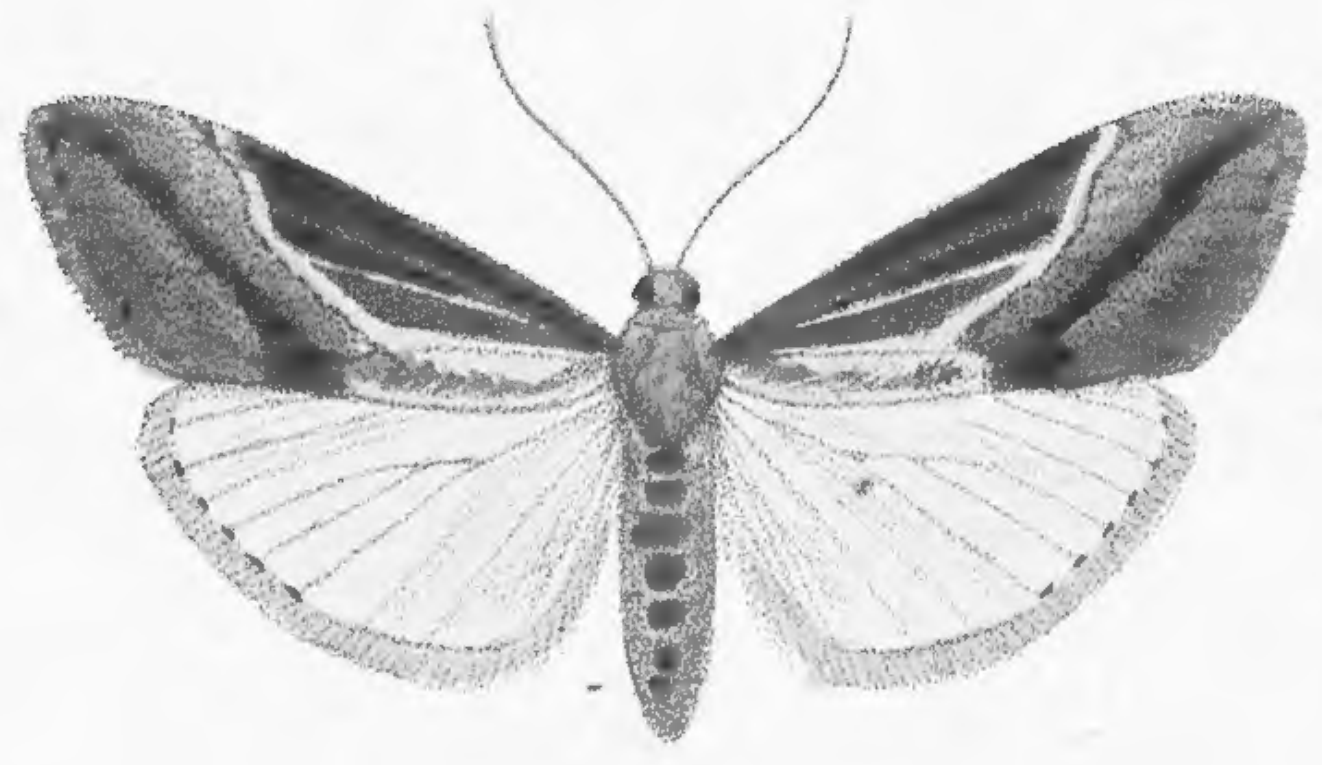
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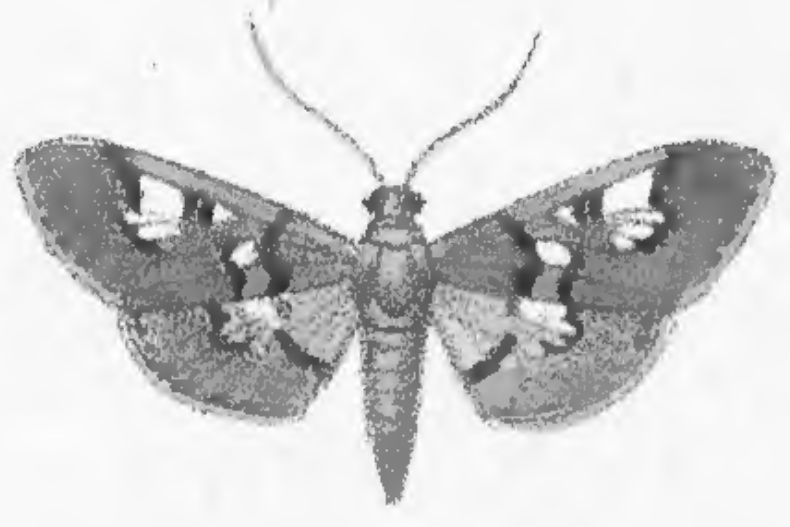
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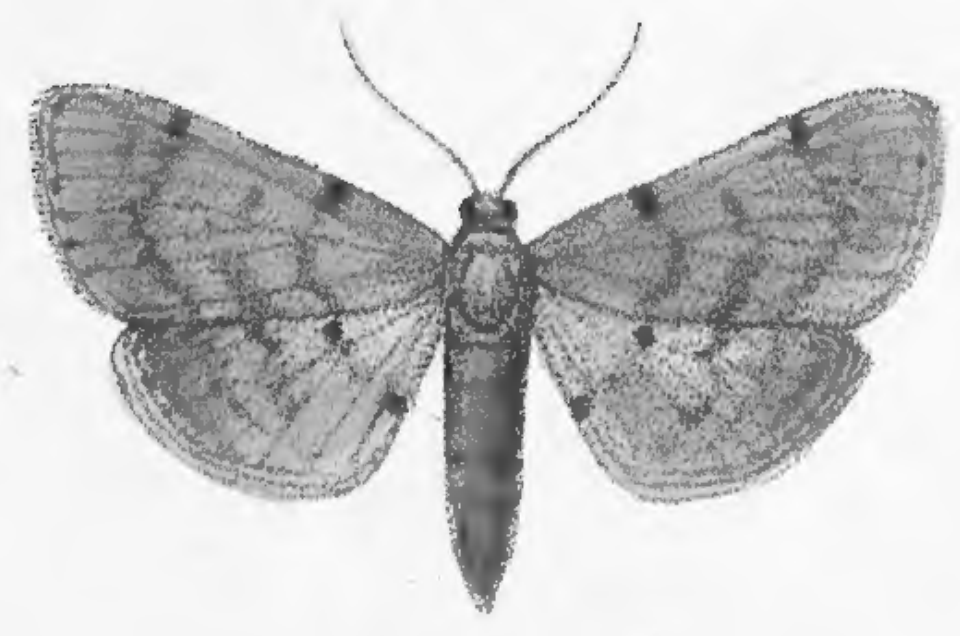
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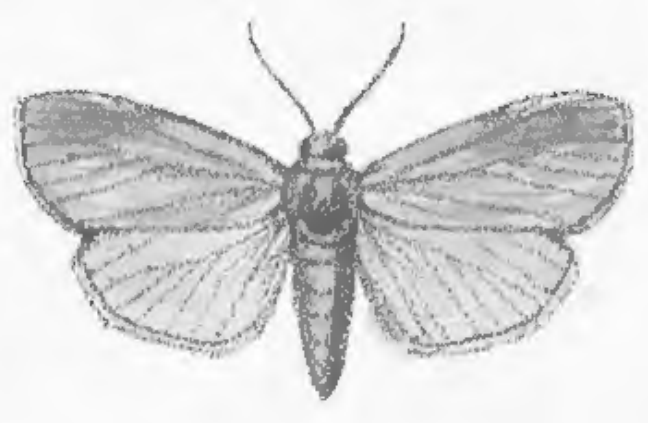
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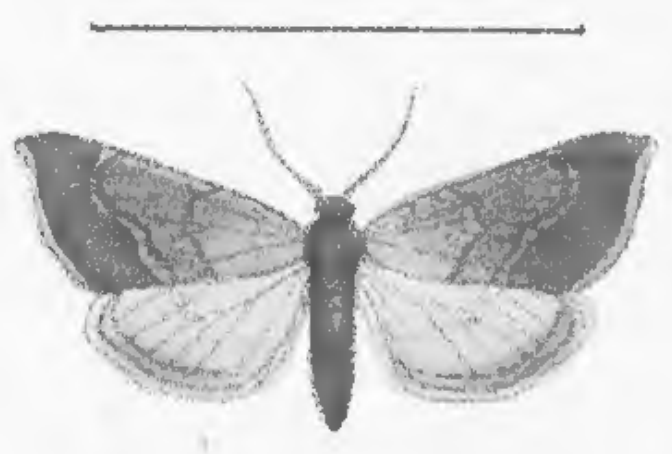
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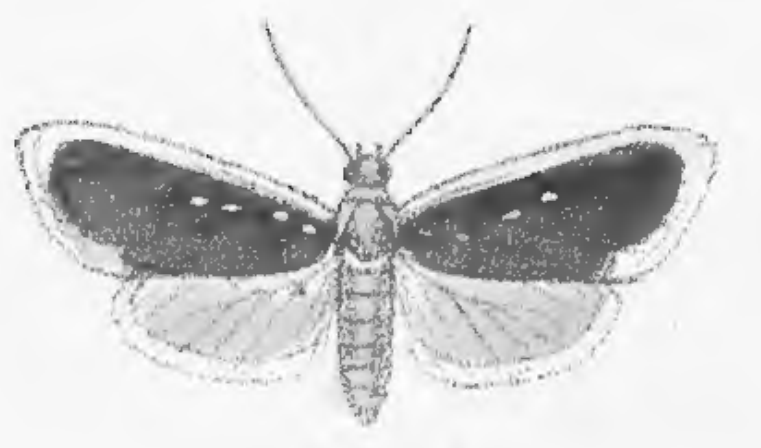
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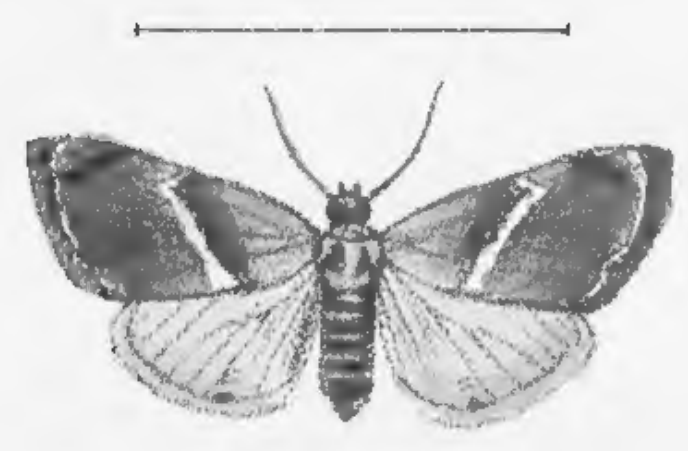
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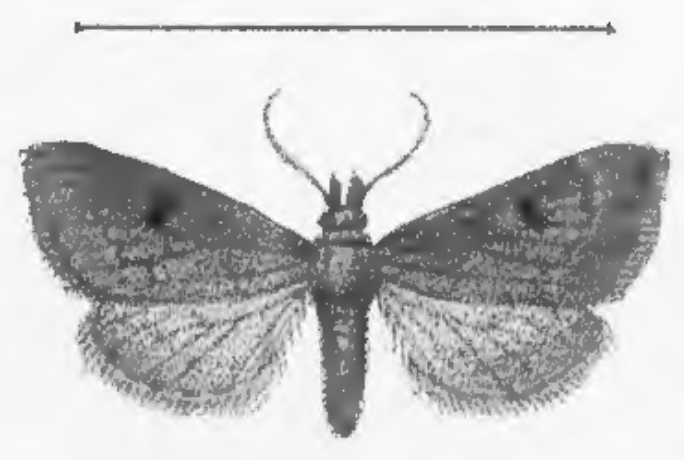
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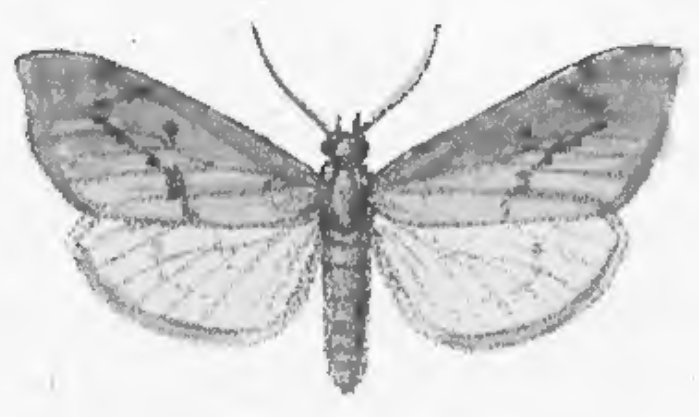
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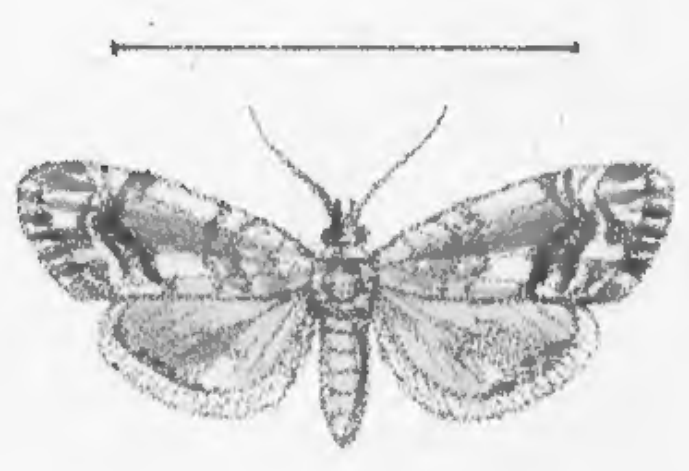
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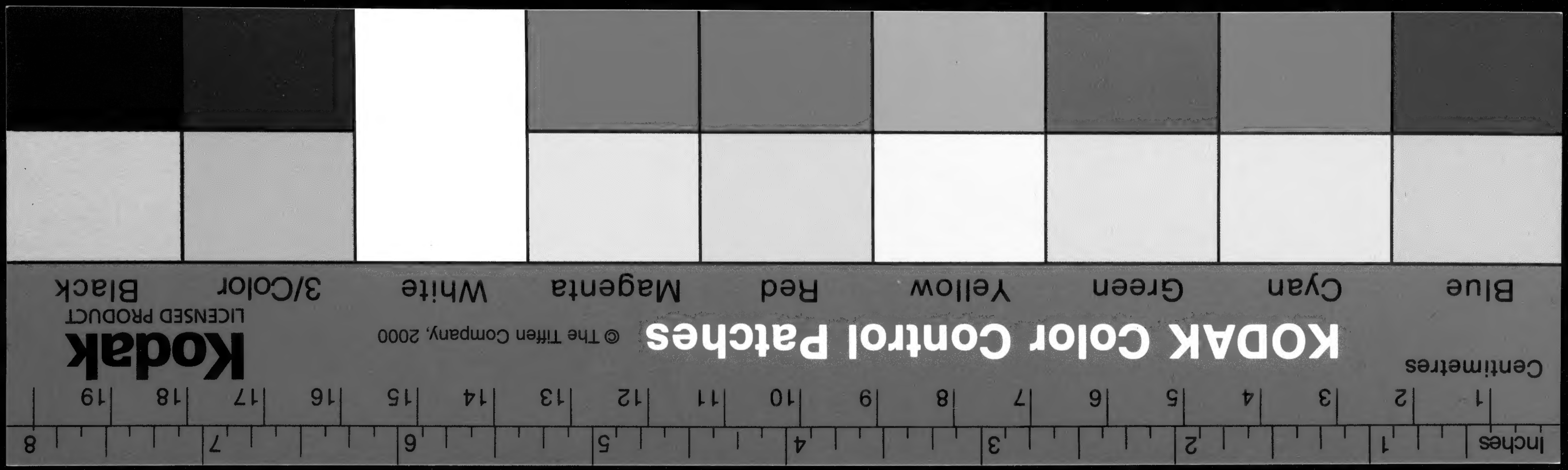
1 HERDONIA THETIS.
2 AZAMORA LATA.
3 „ SORORIA.
4 MONOLOXIS CINERASCENS.
5 „ (?) DIFFUSA.
6 PARACHMA METERYTHRA.
7 LOCASTRA PHYALIS.
8 DEUTEROLLYTA CALITAS.
9 POCOCERA PEMPHUSALIS.
10 PYRALIS ELECTALIS.
11 PYRAUSTA TRIZONALIS.
12 „ OBTUSANALIS.
13 MEROCTENA ZYGIALIS.
14 APHYTOCEROS SAMARIALIS.
15 POLYGRAMMODES CYAMON.
16 PACHYZANCLA SEMILANIATA.
17 SALBIA LOTANALIS.
18 CLINIODES UNDERWOODI.
19 SAMEA (?) ASADIAS.
20 CERATOCLASIS LUPA.
21 TYSPANODES SUASALIS.
22 HOMOPHYSA FALCATALIS.
23 BOCCHORIS CHALCIDISCALIS.
24 HOMOPHYSA REMELLALIS.
25 PIONEA FUSCULALIS.
26 „ ANTIGASTRIDIA.
27 HOMOPHYSA CITRONALIS.

W. Purkiss lith.		Hanhart imp.
714.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Cyan
Green
Yellow
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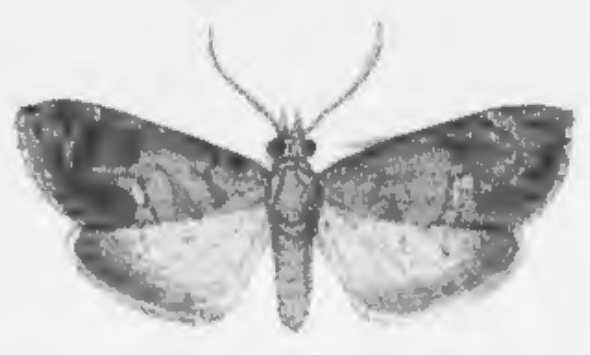
Magenta
White
3/Color
Black
KODAK Color Control Patches
© The Tiffen Company, 2000
Kodak
LICENSED PRODUCT
Centimetres
Inches

Biol. Centr. Am. *Heterocera Tab. 101.*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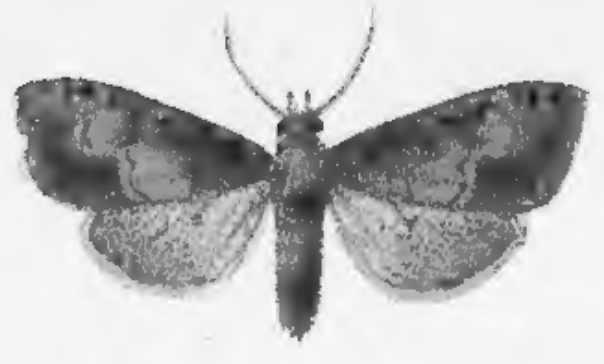
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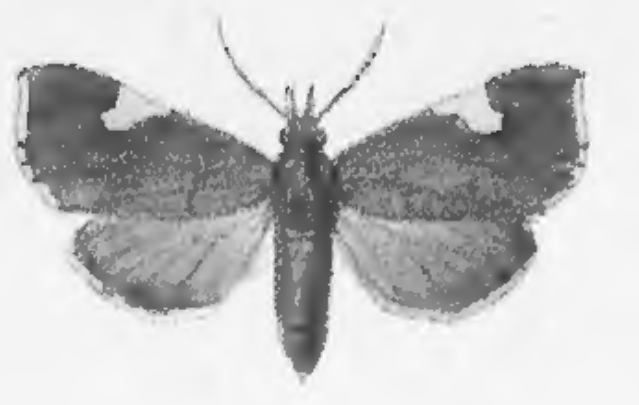
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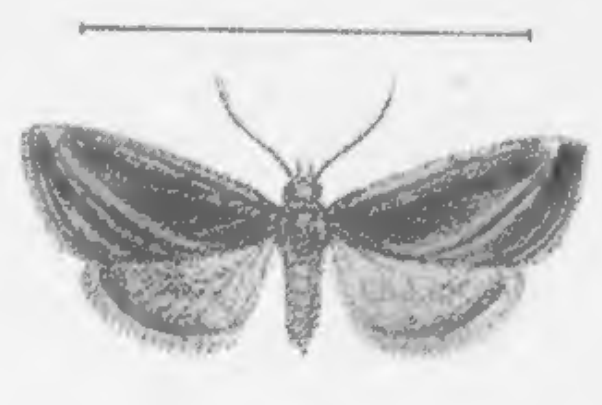
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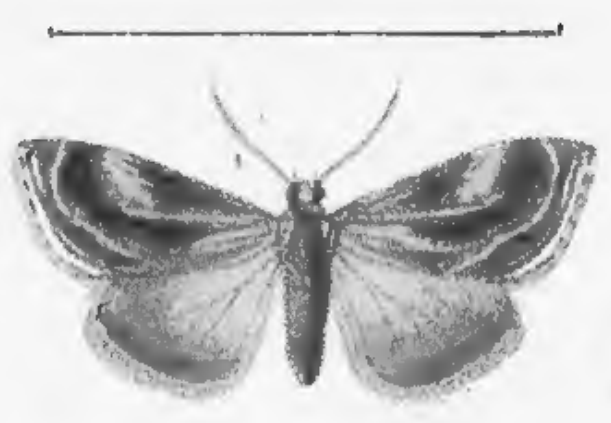
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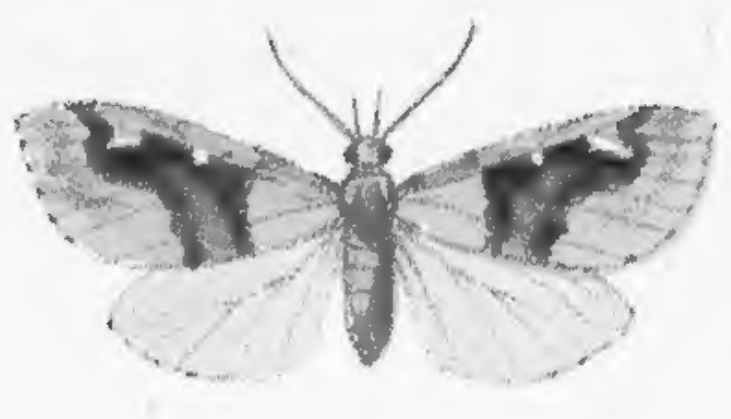
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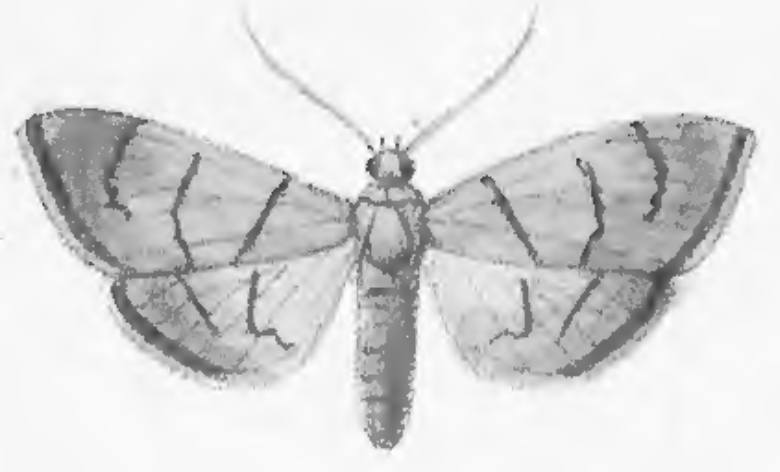
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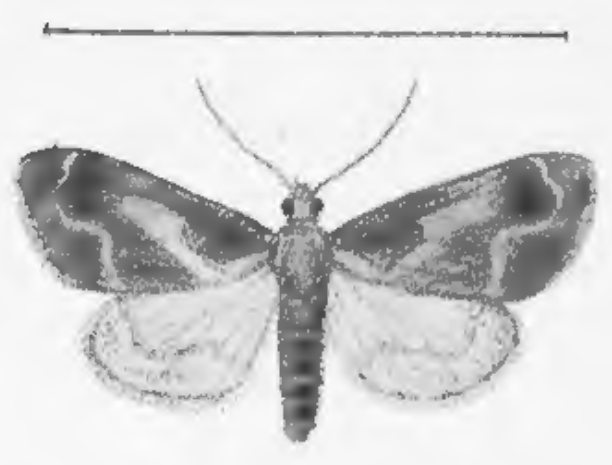
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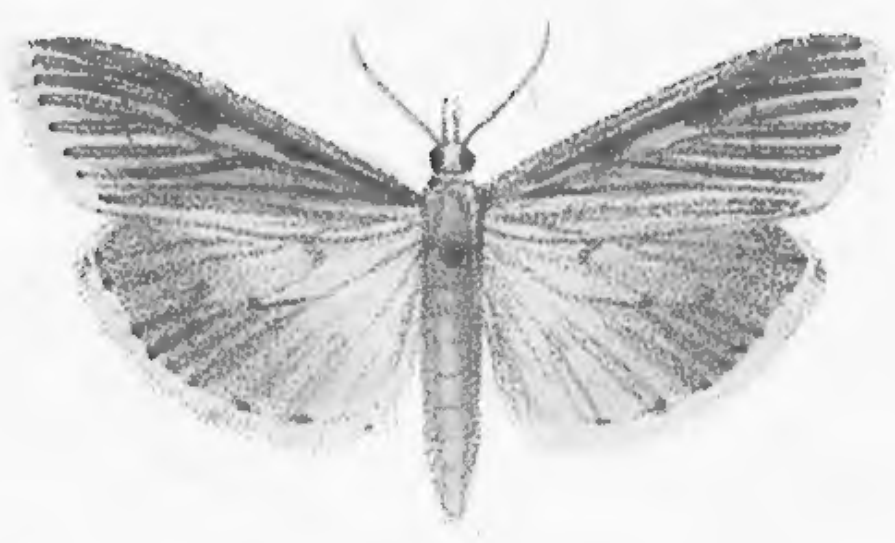
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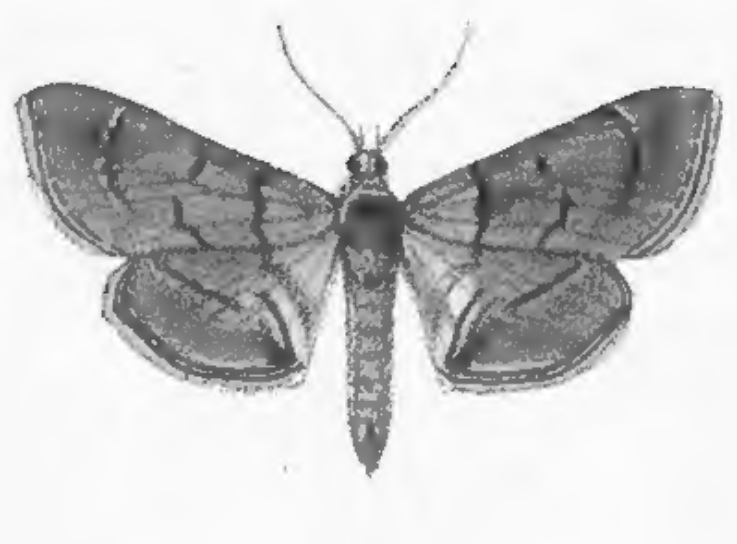
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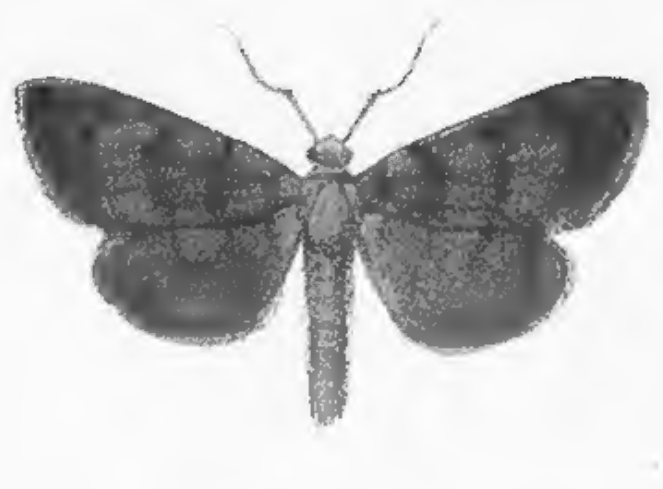
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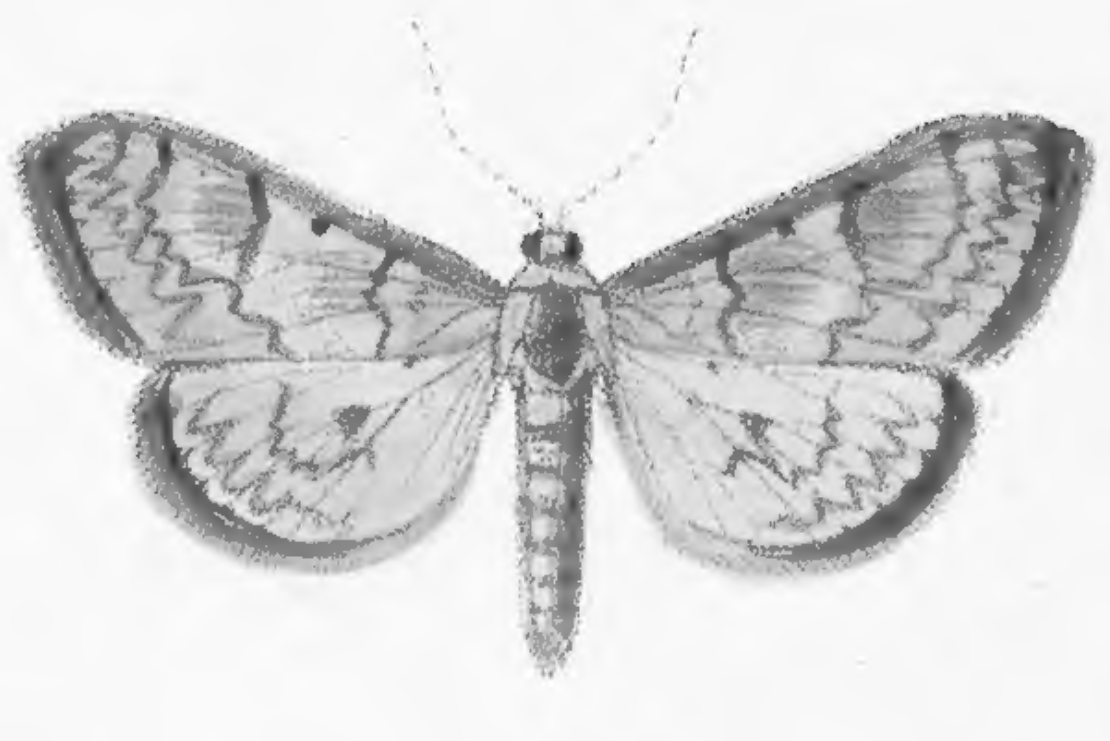
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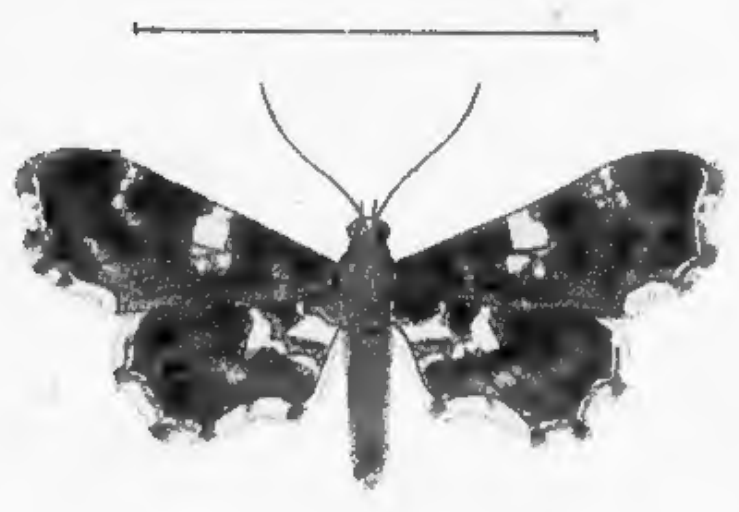
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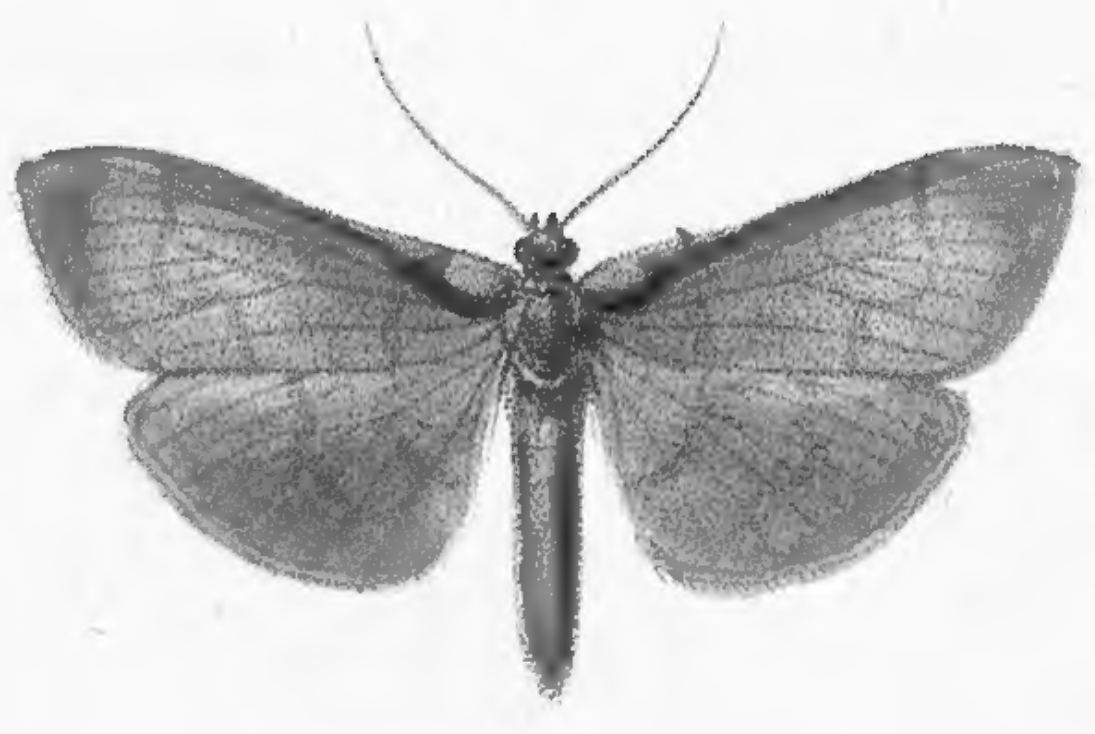
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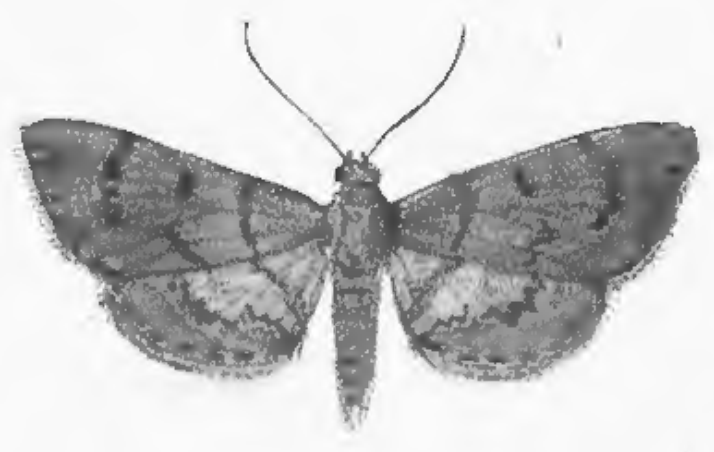
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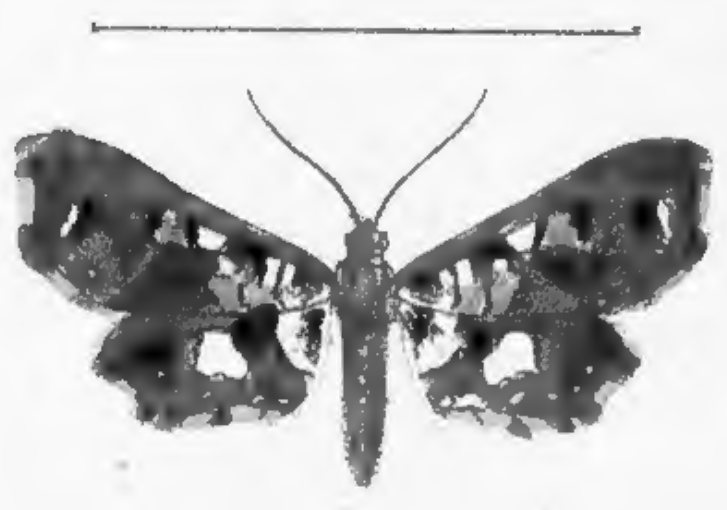
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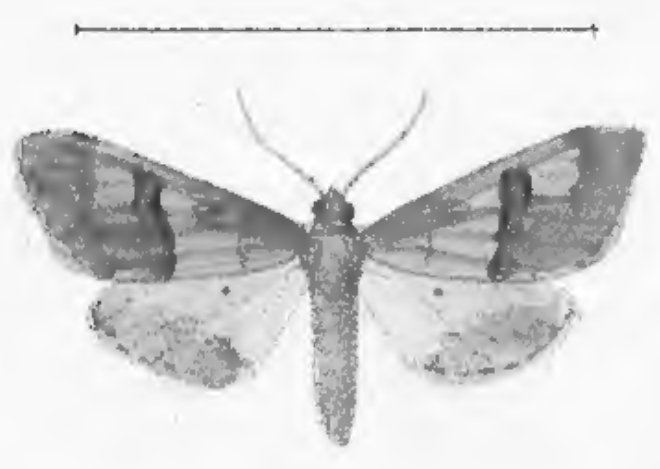
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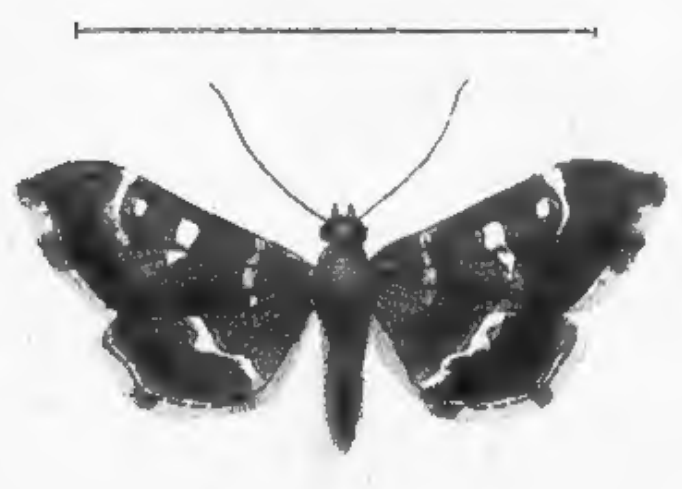
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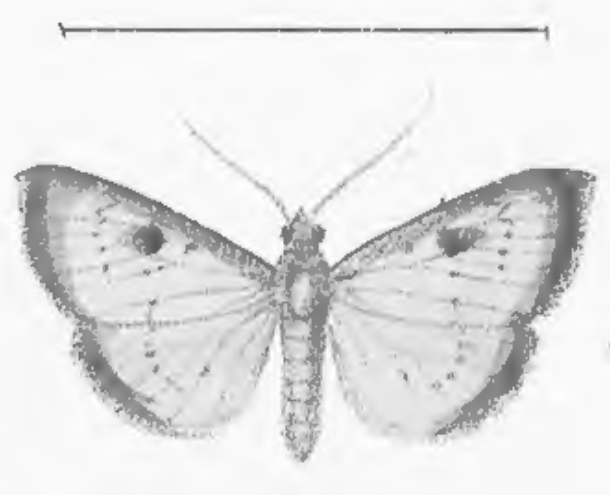
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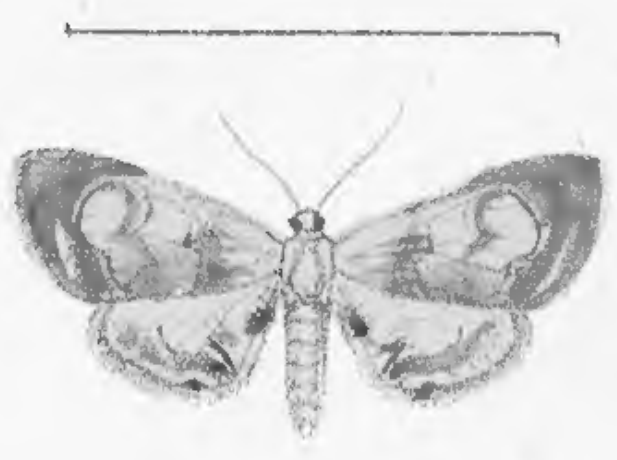
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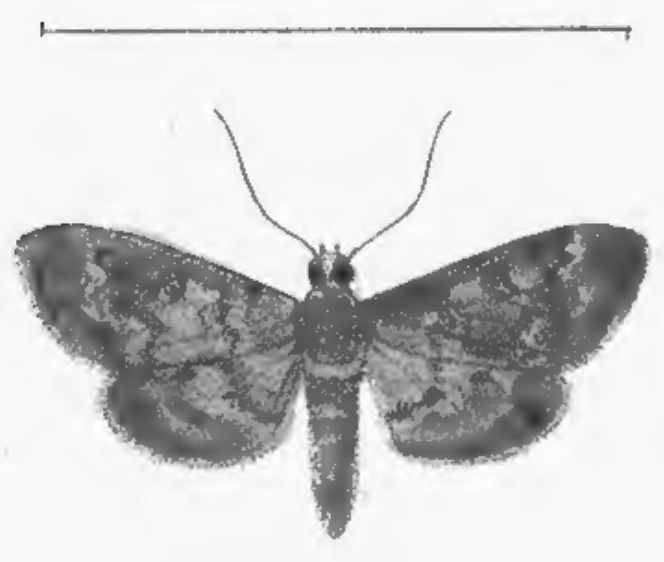
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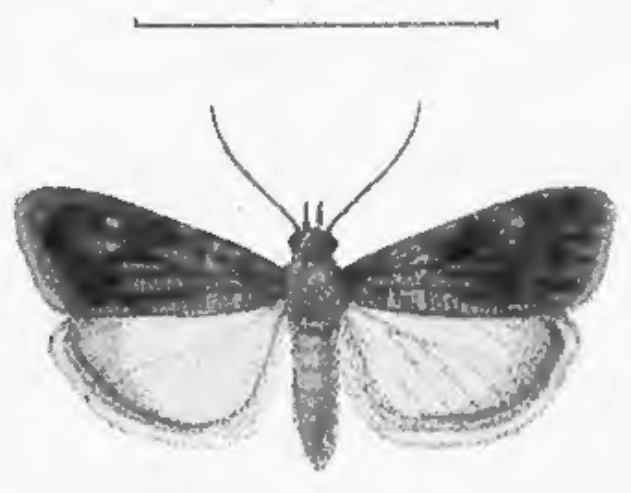
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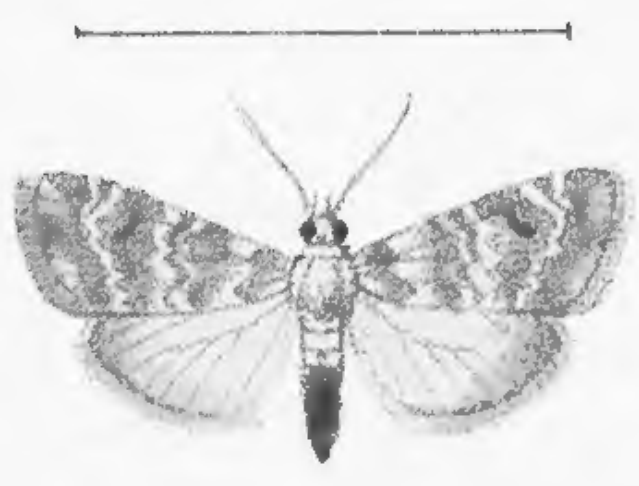
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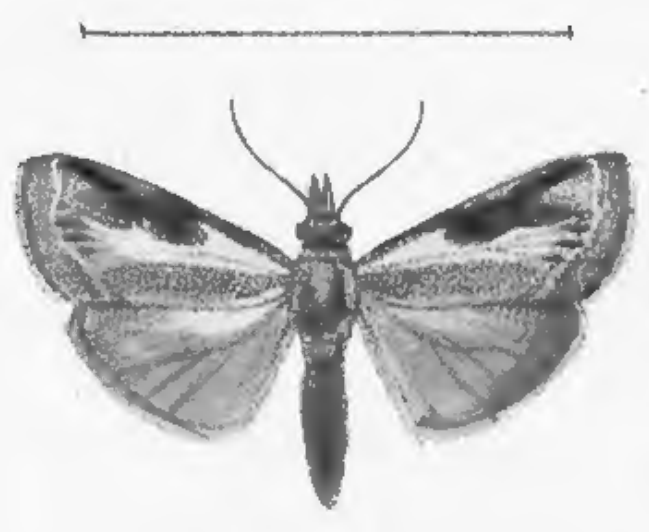
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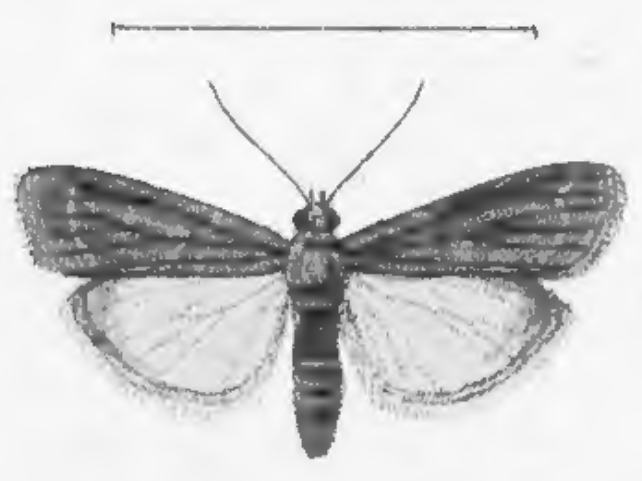
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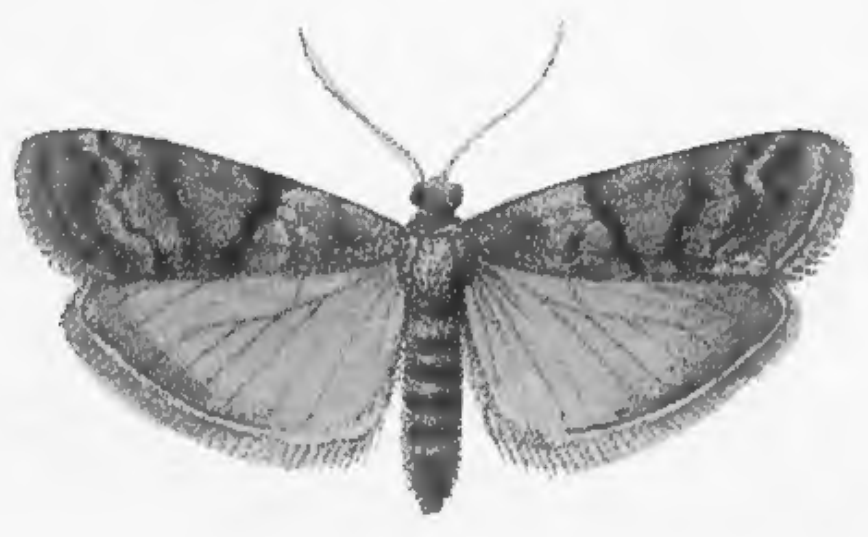
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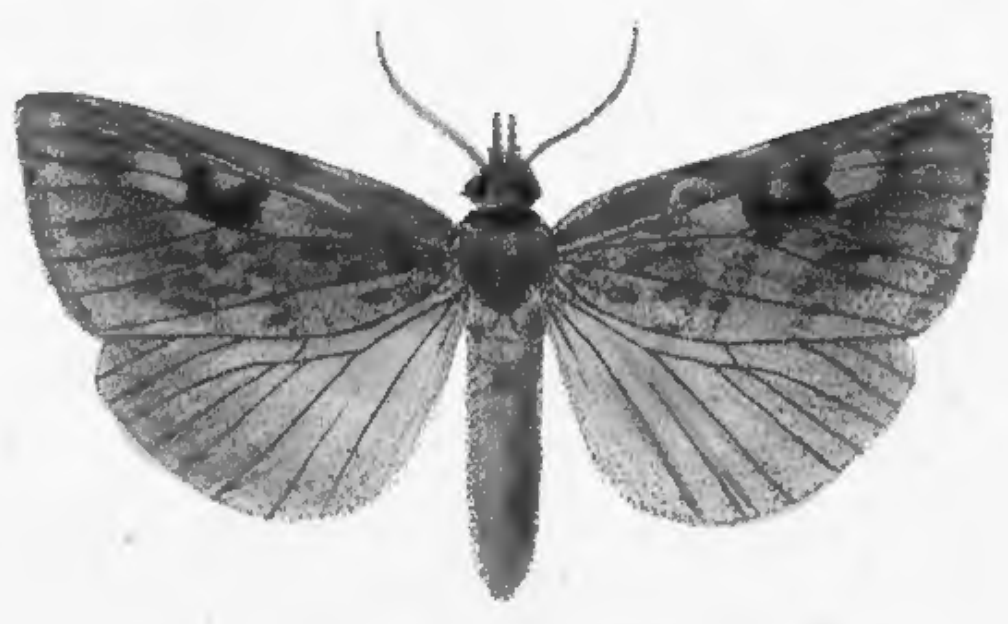
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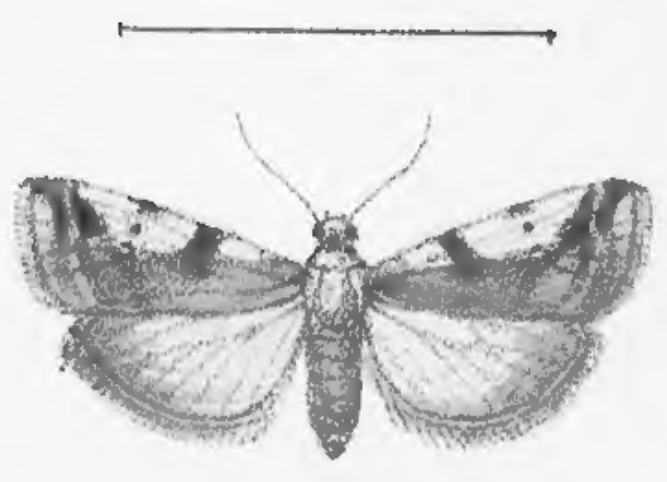
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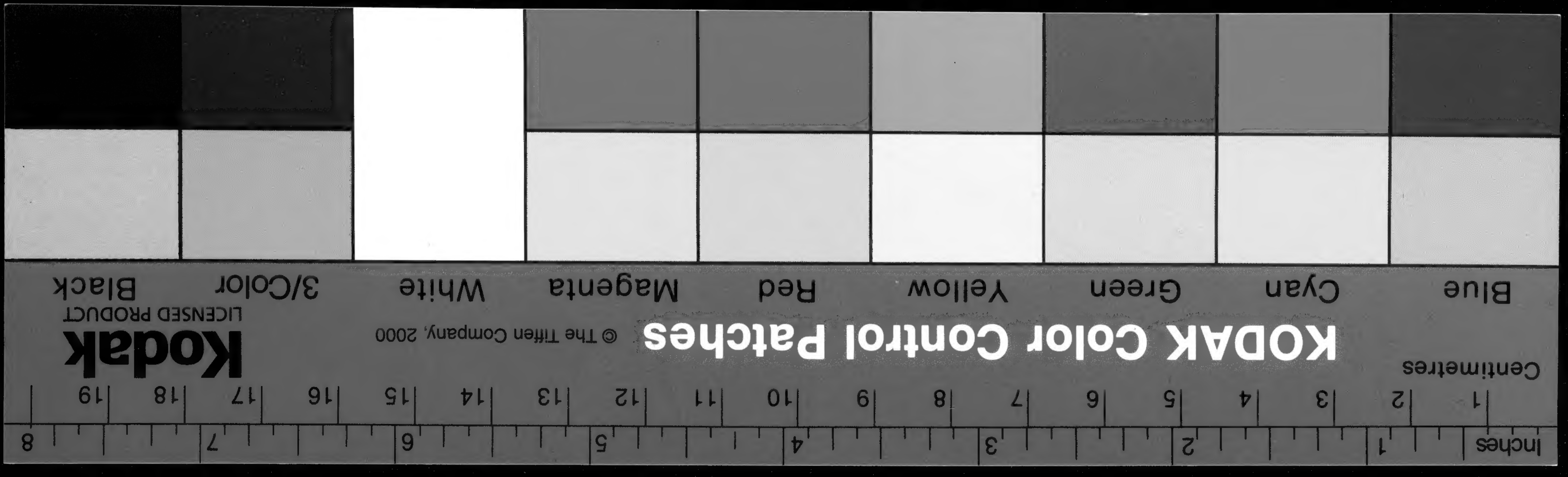
1♂, 2♀ PIONEA PHÆALIS.
3 " ASYCHANALIS.
4 " BELIALIS.
5 " THYANALIS.
6 " TISIASALIS.
7 " APONIANALIS.
8 " CHANESALIS.
9 " CRAMBIALIS.
10 HEDYLEPTA (?) MIZARALIS.
11 HEDYLEPTA LEHIALIS.
12 EPICHRONISTIS MELLINIALIS.
13 ISCHNURGES EUDAMIDASALIS.
14 PHRYGANODES OMPHALOBASIS.
15 SYNGAMIA TREMULALIS.
16 ISCHNURGES BAGOASALIS.
17 DIASEMIA ERUBESCENS.
18 " (?) MINUTALIS.
19 CYBOLOMIA OSSEALIS.
20 GLAPHYRIA (?) AUSONIALIS.
21 STENIA BUFALIS.
22 SCOPARIA ALBIPUNCTATA.
23 HELLULA PHIDILEALIS.
24 PYCNULIA SYLEA.
25 ACROBASIS PACHYLEPIDELLA.
26 DIORYCTRIA ZIMMERMANNI.
27 ERUPA SIMILIS.
28 HOMŒOSOMA SORAELLA.

W. Purkiss lith. Hanhart imp.
715.